

WX  
B598d  
1890  
Plates  
MON MED  
OV1



ARMY MEDICAL LIBRARY  
WASHINGTON

Founded 1836



Section .....

Number .....

GPO 3-10543

FORM 113c, W. D., S. G. O.  
(Revised June 13, 1936)

# PLATES

NLM









FRONT VIEW OF BUILDINGS FROM NORTHEAST.

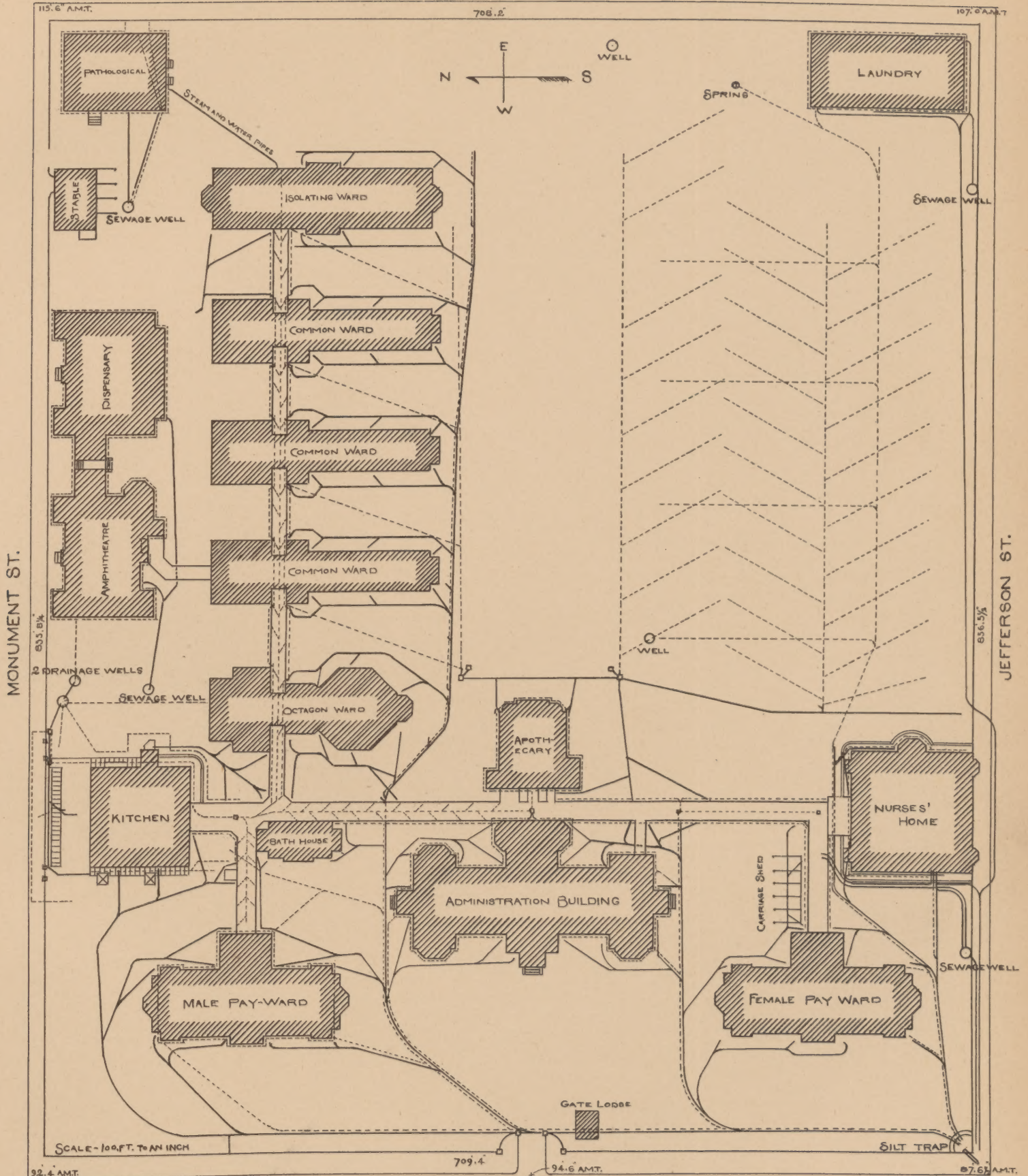






WOLFE ST.

PLATE-2



BROADWAY  
BLOCK PLAN









REAR VIEW OF BUILDINGS AND GROUNDS FROM SOUTHEAST.









CORRIDOR.

INTERIOR VIEW LOOKING SOUTH FROM KITCHEN.











PLATE 5.

GENERAL HEATING.

PLANS AND SECTIONS.

A	Administration building.	R	Pathological building.
X	Apothecary's building.	K	Kitchen.
B and C	Pay wards.	L	Laundry.
D E F G and H	Wards.	Y	Bath house.
I	Isolating ward.	T	Gate lodge.
O	Dispensary.	S	Stable.
U	Amphitheatre.	HW	Hot water boilers.
N	Nurses' home.	SB	Steam boiler.

FIGURE 1. Section of corridor at *a-b*, looking east.

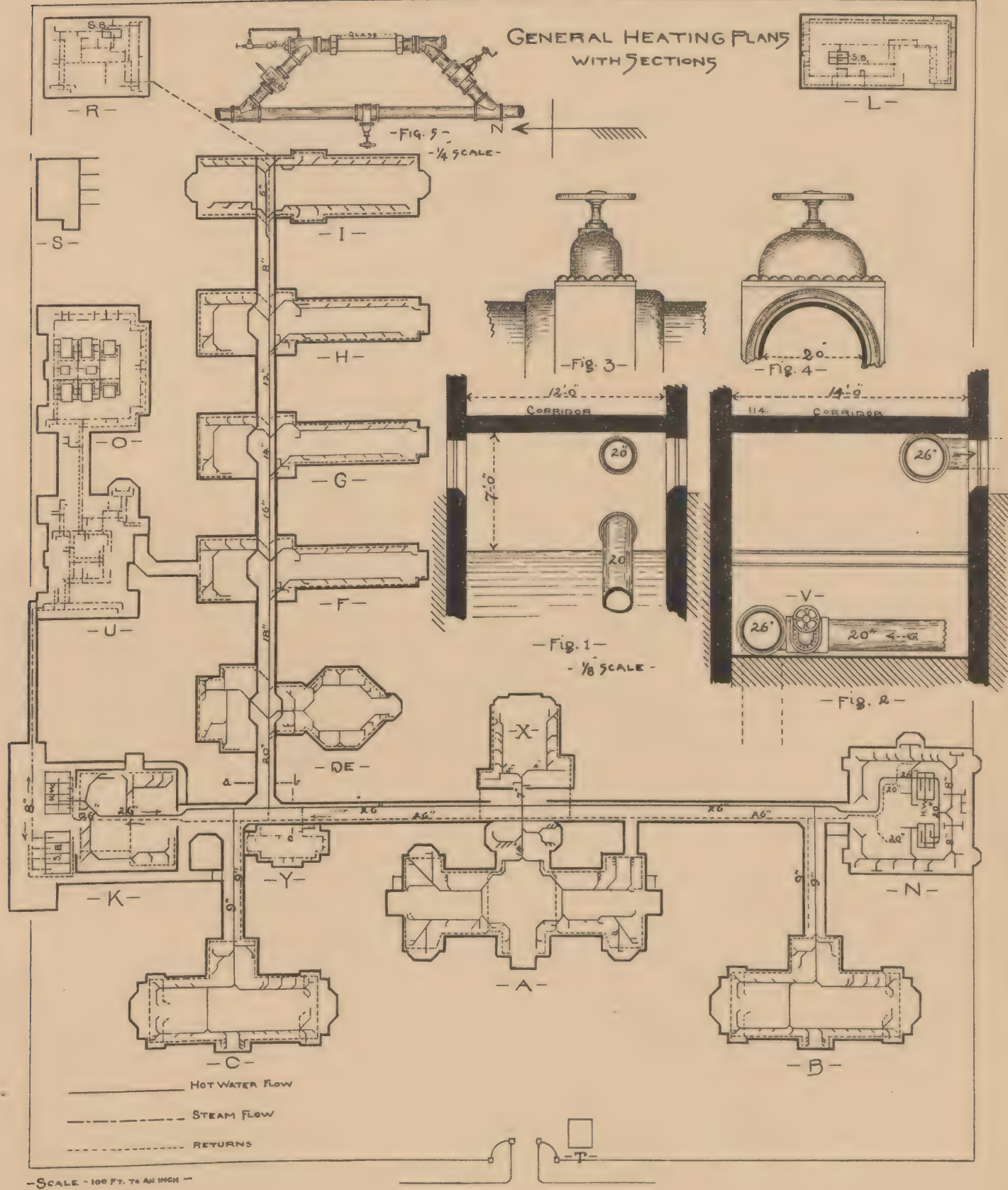
FIGURE 2. Section of corridor at *b-c*, looking north.

FIGURES 3 AND 4. Detail of cut-off valve *V*.

FIGURE 5. Switch for testing the velocity of water in heating pipes.



# GENERAL HEATING PLANS WITH SECTIONS











PIPE TUNNEL  
INTERIOR VIEW, LOOKING EAST.







DUTELANT PHOT. CO.

PIPE TUNNEL.

INTERIOR VIEW, SHOWING EXPANSION JOINT.







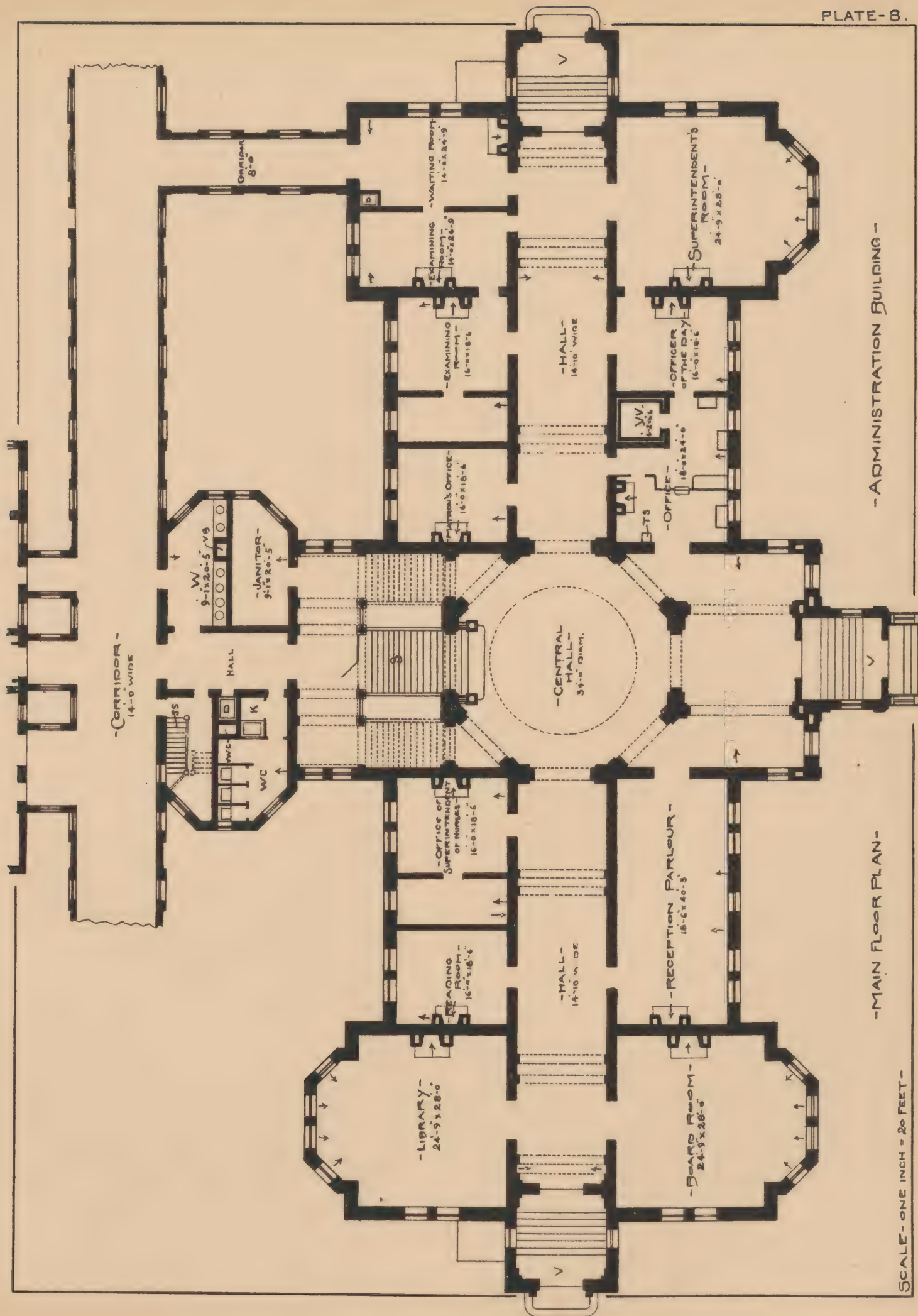
PLATE 8. ADMINISTRATION BUILDING.

MAIN FLOOR PLAN.

FIGURE 1. Main floor.

V	Vestibule.	D	Lift, 2' 8" $\times$ 2' 10".
S	Main stairs, 10' 0" wide.	K	Sink room.
VV	Vaults, 6' 2" $\times$ 6' 6".	VWC	Ventilating shaft for water closets, 28" $\times$ 36".
TS	Central telephone switch.	VB	Ventilating shaft for lavatory and bath rooms, 24" $\times$ 30".
W	Lavatory.		
WC	Water closet.		
SS	Servants' stairs.		





- ADMINISTRATION BUILDING -

- MAIN FLOOR PLAN -

SCALE - ONE INCH = 20 FEET -







PLATE 9.

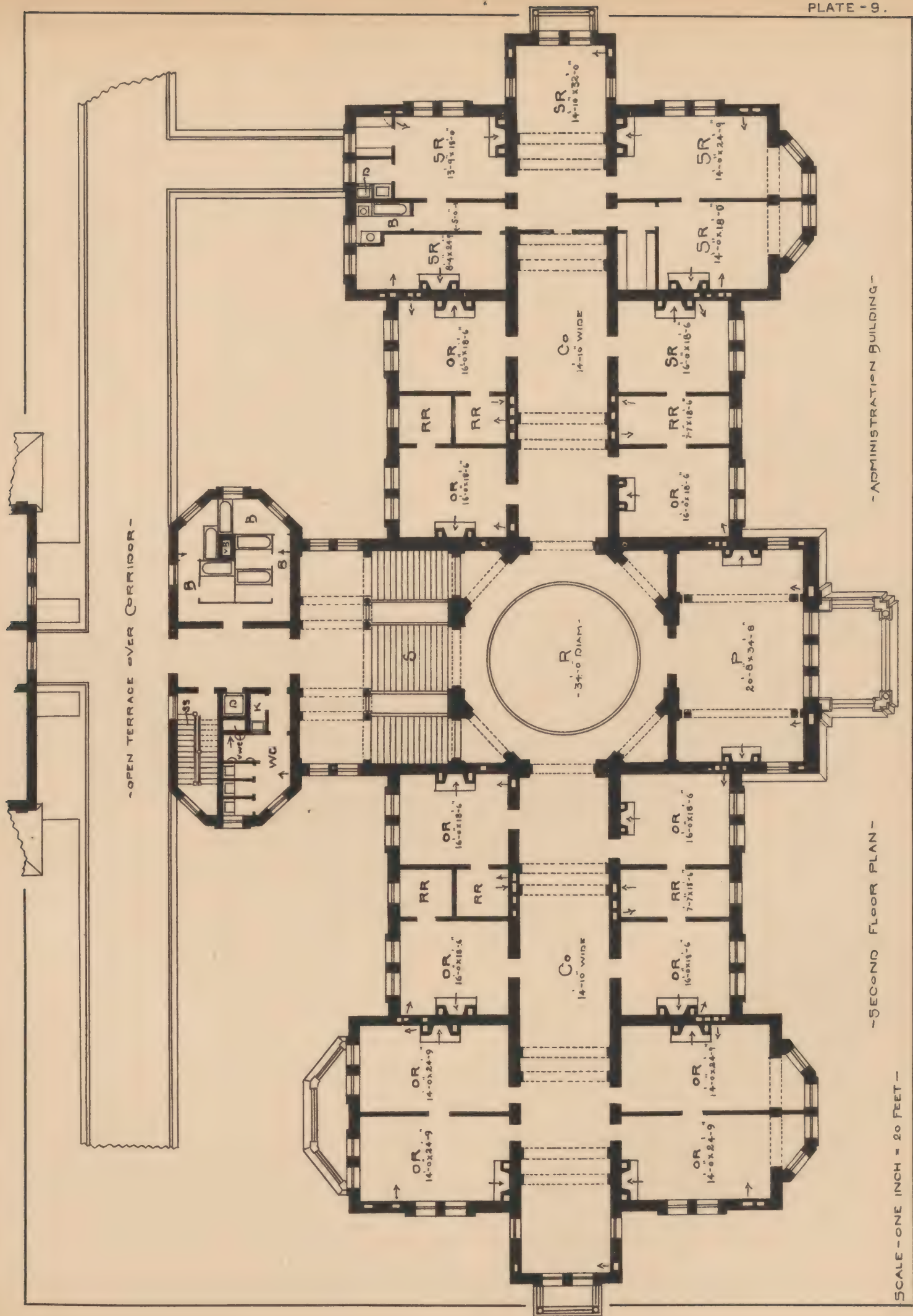
## ADMINISTRATION BUILDING

SECOND FLOOR PLAN.

FIGURE 1. Second floor.

P	Parlor, 20' 8" × 34' 8".	SS	Servants' stairs.
R	Rotunda, 34' 0" dia.	S	Main stairs.
C	Corridor, 14' 10" wide.	VWC	Ventilating shaft for water closets.
SR	Superintendent's rooms.	VB	Ventilating shaft for lavatory and bath rooms.
OR	House officers' rooms, 14' 0" × 24' 9", 16' 0" × 18' 6".	D	Lift, 2' 8" × 2' 10".
RR	Dressing rooms.	K	Sink room.
B	Bath rooms.		
WC	Water closet.		





- ADMINISTRATION BUILDING -

- SECOND FLOOR PLAN -

SCALE - ONE INCH = 20 FEET -

- FIG. 1 -







PLATE 10. ADMINISTRATION BUILDING.

LONGITUDINAL SECTION.

FIGURE 1. One-half longitudinal section north and south.

A	Cellar floor.	G	Attic floor.
D	Main floor.	V	North vestibule.
E	Second floor.	S	Main stairs.
F	Third floor.	S D	Stairs to dome.



ADMINISTRATION BUILDING  
LONGITUDINAL SECTION



SCALE - 20 FT. TO AN INCH -

- FIG. 1 -







PLATE II.

ADMINISTRATION BUILDING.

TRANSVERSE SECTION THROUGH ROTUNDA.

FIGURE 1. Transverse section east and west.

A Cellar floor.

D Main floor.

E Second floor.

F Third floor.

G Attic floor.

S Main stairway.

C Co Covered corridor.

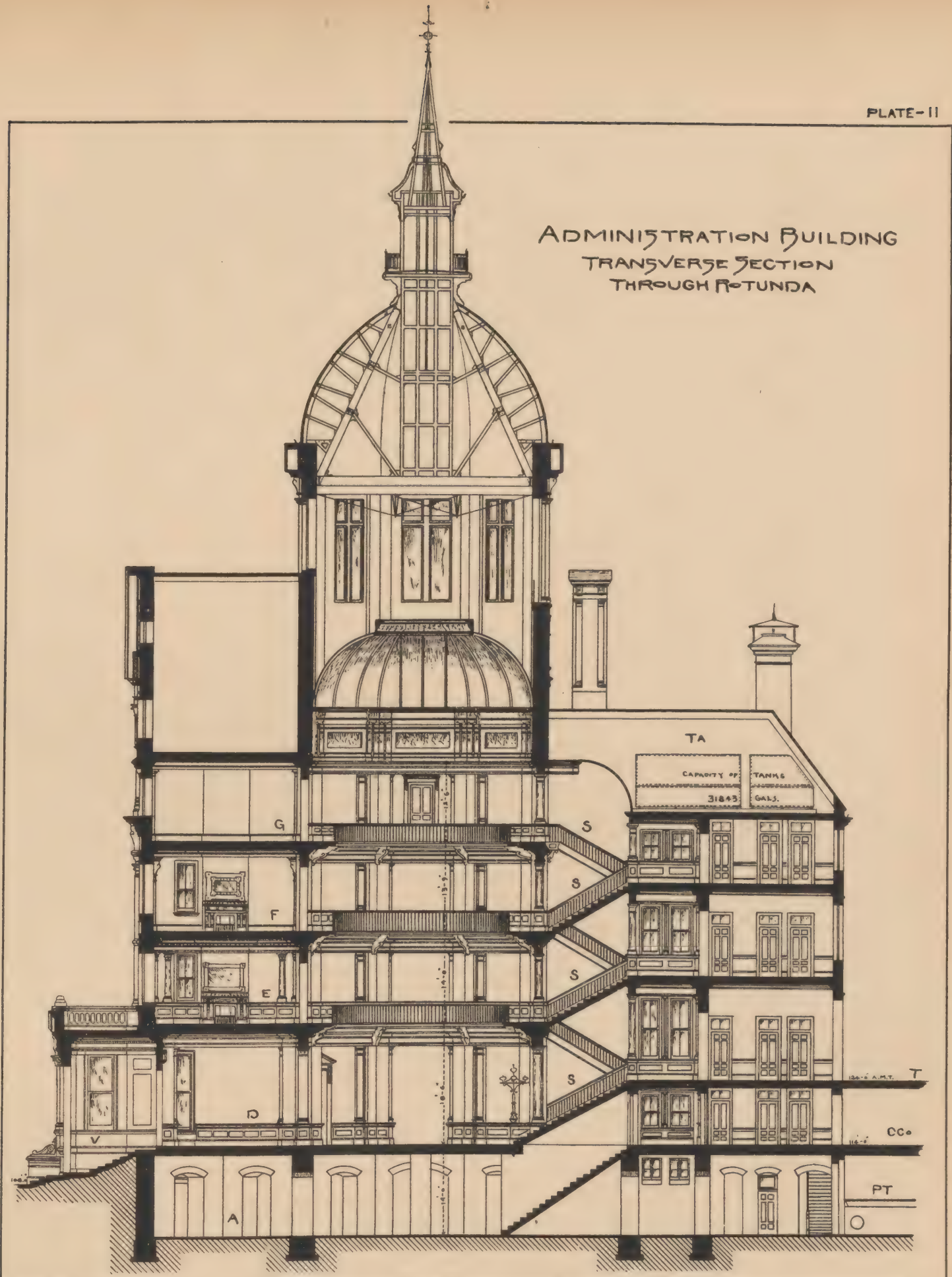
T Open terrace over corridor.

P T Pipe tunnel.

T A Tank attic.

V Vestibule.

ADMINISTRATION BUILDING  
TRANSVERSE SECTION  
THROUGH ROTUNDA



SCALE-20 FT. TO AN INCH -

-FIG. 1-







PLATE 12. ADMINISTRATION BUILDING.

TRANSVERSE SECTION THROUGH NORTH AND EAST WINGS.

FIGURE 1. Transverse section through north wing.

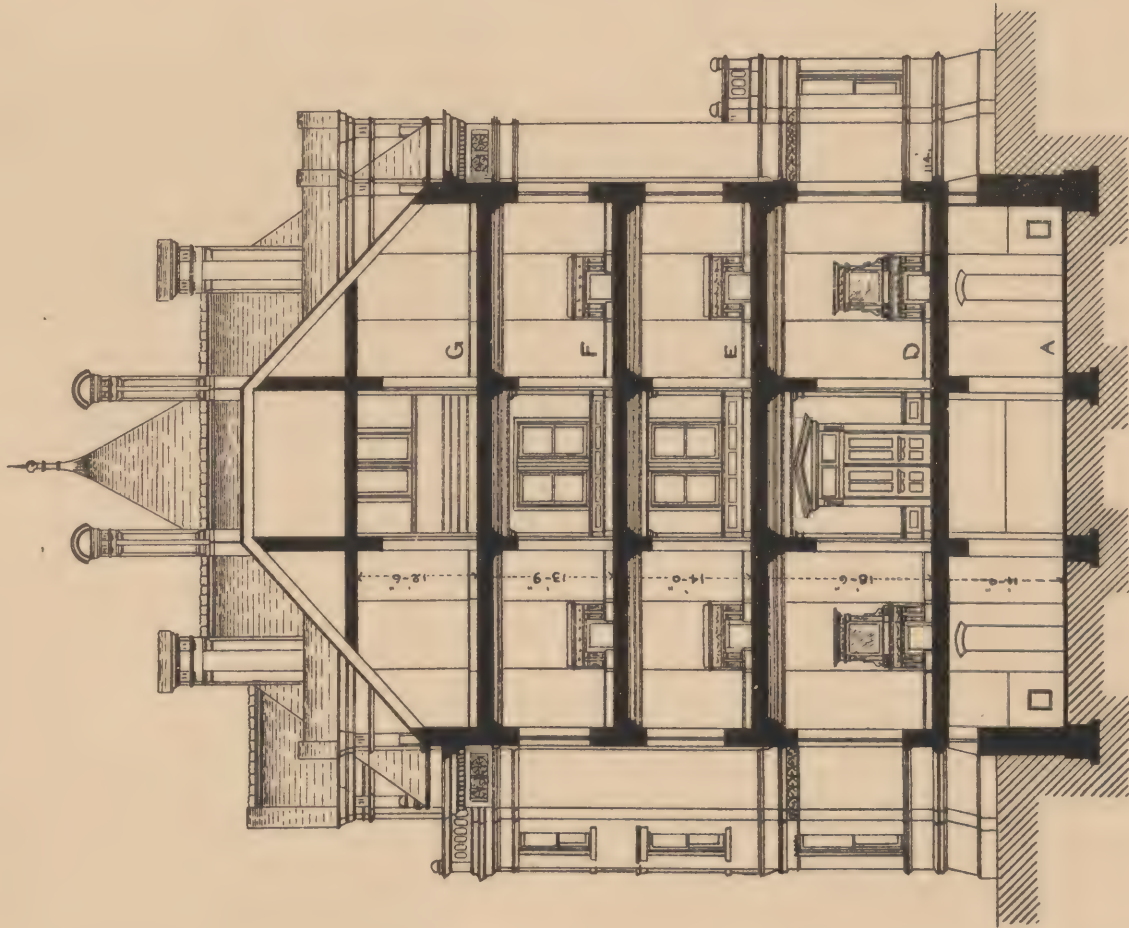
A	Cellar floor.	F	Third floor.
D	Main floor.	G	Attic floor.
E	Second floor.		

FIGURE 2. Section through water closet, bath rooms, etc.

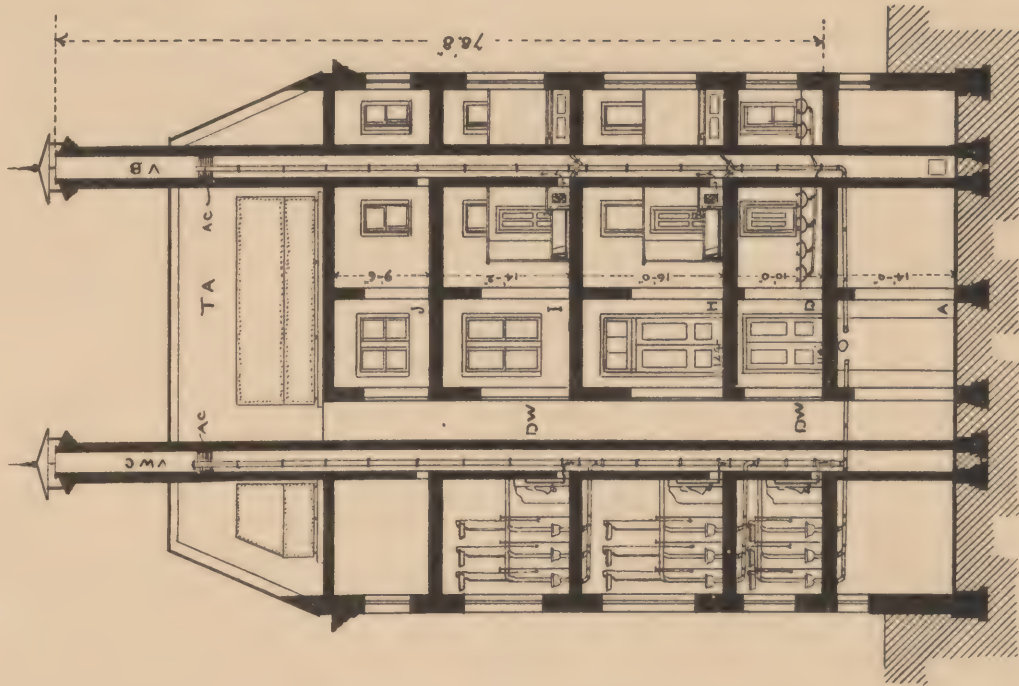
A	Cellar floor.	VB	Ventilating shaft for lavatory and bath room, 24"×30".
D	Main floor.	VWC	Ventilating shaft for water closet, 28"×36".
H	Second floor.	DW	Lift shaft.
I	Third floor.	AC	Accelerating steam coils.
J	Fourth floor.		
TA	Tank attic.		



ADMINISTRATION BUILDING  
SECTIONS THROUGH  
NORTH & EAST WINGS



-FIG. 1-



-FIG. 2-





ADMINISTRATION BUILDING  
VIEW IN TRUSTEES' ROOM.







PLATE 14.

PAY WARD.

MAIN FLOOR PLAN AND TRANSVERSE SECTION THROUGH CENTRE.

FIGURE 1. Main floor plan.

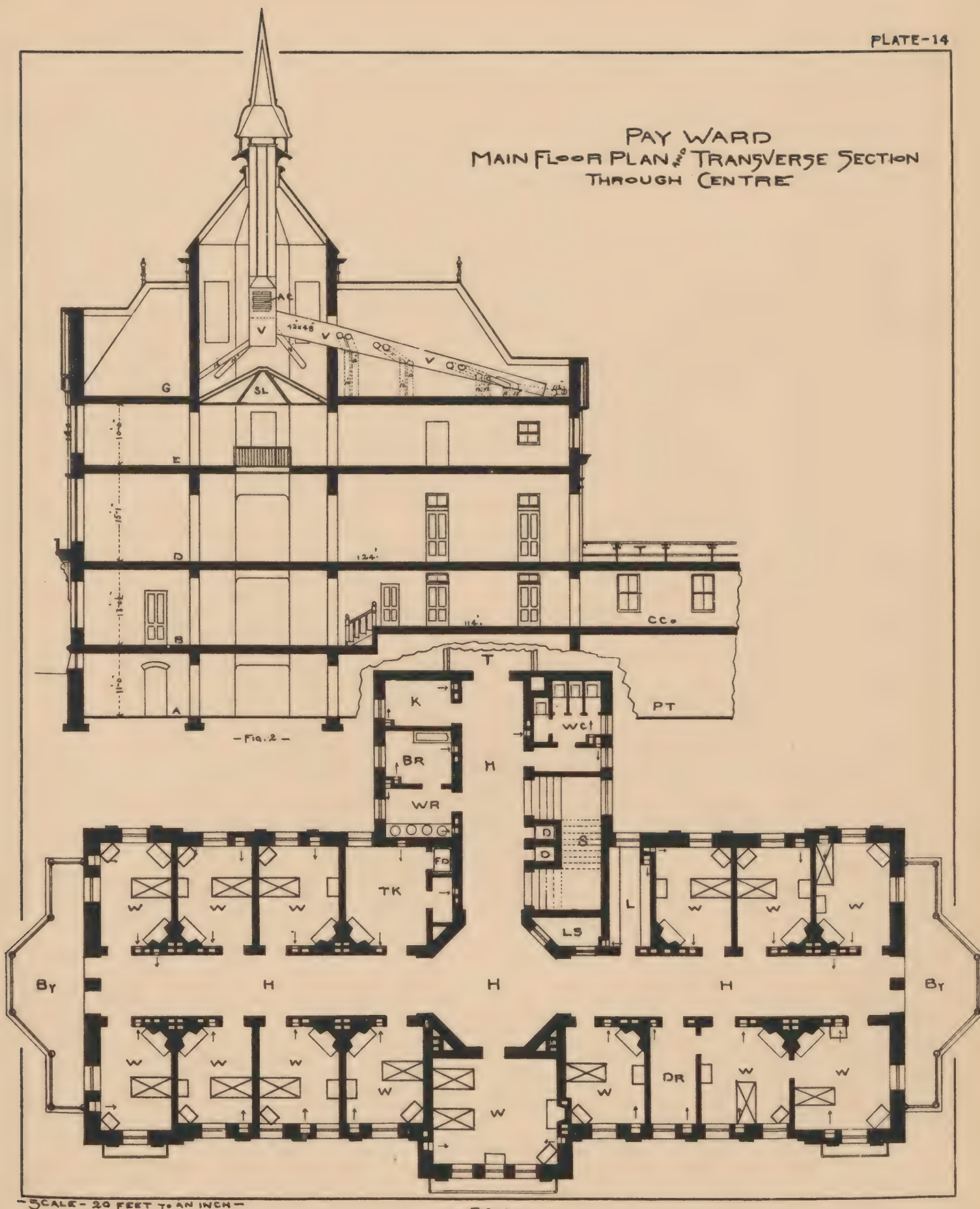
W	Private ward, 12' 0" × 15' 6", 16' 6" × 20' 0", 13' 0" × 15' 6", 12' 6" × 15' 6", 15' 3" × 15' 6", 13' 10" × 15' 6".	L	Linen room, 6' 6" × 15' 6".
DR	Dressing room, 7' 10" × 15' 6".	LS	Light shaft, 4' 4" × 10' 7".
TK	Tea kitchen, 13' 6" × 15' 6".	FD	Food lift, 2' 8" × 3' 10"; Vent 9" × 12".
WR	Lavatory, 8' 0" × 10' 7".	D	Lifts, 2' 10" × 2' 10"; Vent 9" × 12".
WC	Water closets.	K	Sink room, 7' 4" × 10' 7".
H	Hall (corridor), 10' 0" wide.	By	Balcony.
S	Stairs, 6' 6" wide.	BR	Bath room.

FIGURE 2. Transverse section through centre east and west.

A	Cellar floor.	AC	Accelerating steam coils.
B	Basement floor.	SL	Skylight.
D	Main floor.	T	Open terrace.
E	Second floor, centre wing.	CCo	Covered corridor.
G	Attic floor, centre wing.	PT	Pipe tunnel.
V	Ventilating flues.		



# PAY WARD MAIN FLOOR PLAN AND TRANSVERSE SECTION THROUGH CENTRE



- FIG. 2 -

- FIG. 1 -

SCALE - 20 FEET TO AN INCH







PLATE 15.

PAY WARD.

LONGITUDINAL AND TRANSVERSE SECTIONS.

FIGURE 1. Longitudinal section north and south.

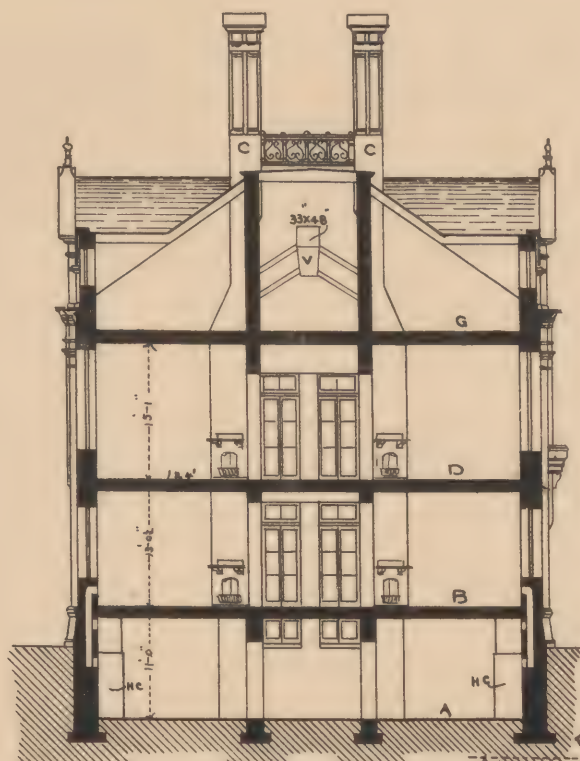
- |   |                    |     |                           |
|---|--------------------|-----|---------------------------|
| A | Cellar floor.      | A C | Accelerating steam coils. |
| B | Basement floor.    | S L | Skylight.                 |
| D | Main floor.        | C   | Smoke chimneys.           |
| G | Attic floor.       | By  | Balcony.                  |
| V | Ventilating flues. |     |                           |

FIGURE 2. Transverse section through north wing.

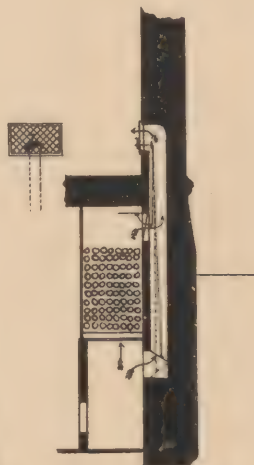
- |   |                 |     |                    |
|---|-----------------|-----|--------------------|
| A | Cellar floor.   | V   | Ventilating flues. |
| B | Basement floor. | C   | Smoke chimneys.    |
| D | Main floor.     | H C | Heat chambers.     |
| G | Attic floor.    |     |                    |

FIGURE 3. Section of heat chamber.

PAY WARD  
LONGITUDINAL & TRANSVERSE SECTIONS



- FIG. 2 -



- FIG. 3 -  
- 1/8" SCALE -



- FIG. 1 -

- SCALE - 20 FEET TO AN INCH -







PAY WARD.  
VIEW IN ROOMS.







## BASEMENT AND FIRST FLOOR PLANS.

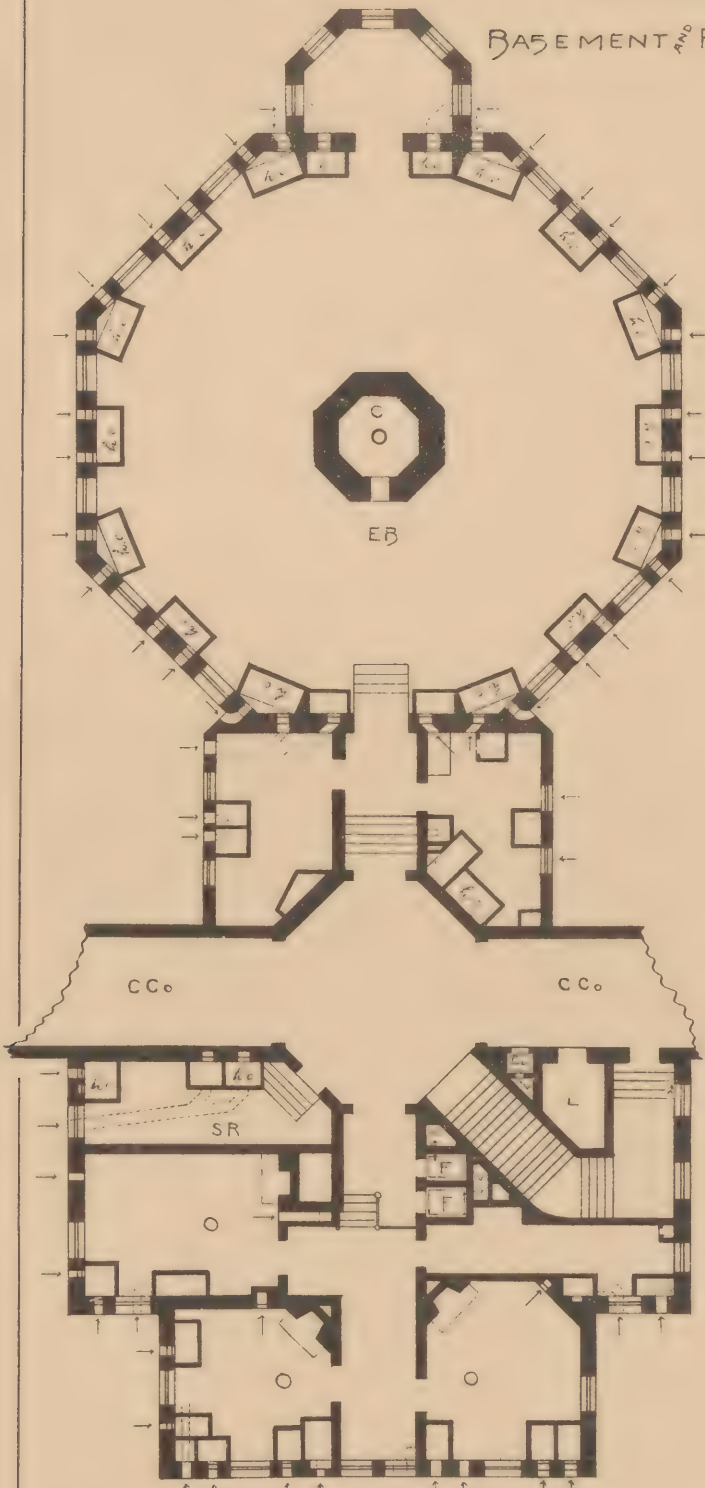
FIGURE 1. Basement plan.

C	Central ventilating chimney, 8' 0" × 8' 0".	L	Closet.
E B	Empty basement, 57' 8" × 57' 8".	h c	Heat coils.
O	Orderlies, 15' 0" × 19' 0", 15' 4" × 16' 3", 15' 4" × 18' 6".	F	Food lift, 2' 10" × 4' 0"; Vent 10" diameter.
C Co	Covered corridor, 12' 0" wide.	V	Ventilating shaft for lift.
S R	Store room.	C L	Coal and soiled clothes lift, 2' 0" × 2' 7"; Vent 10" diameter.

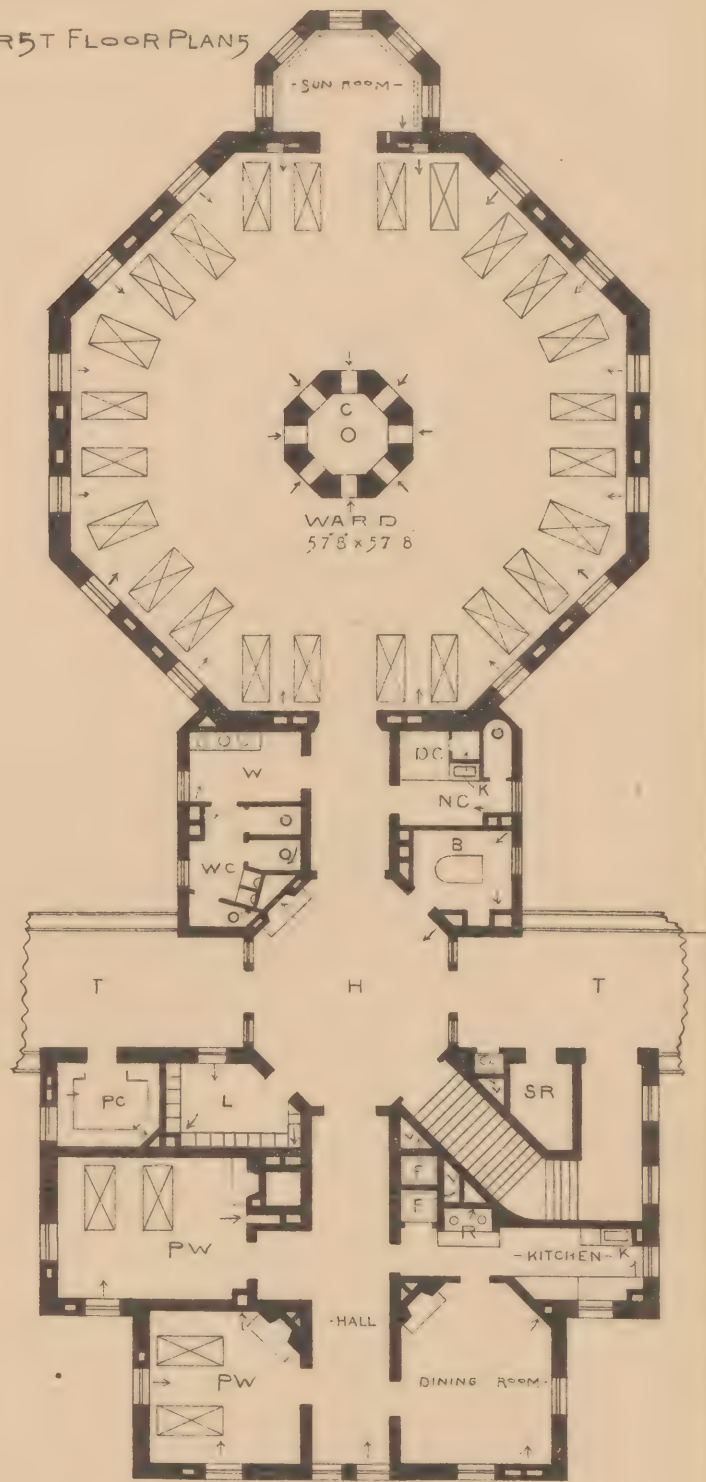
FIGURE 2. Main floor plan.

C	Central ventilating chimney, 8' 0" × 8' 0".	N C	Nurses' closet.
V	Ventilating shaft for lift.	C L	Coal and soiled clothes lift, 2' 0" × 2' 7".
H	Central hall, 20' 6" × 24' 0".	R	Range.
P W	Private wards, 15' 0" × 19' 0", 15' 4" × 16' 3".	F	Food lifts, 2' 10" × 4' 0".
W	Lavatory, 7' 4" × 11' 3".	K	Sink.
B	Bath room, 8' 0" × 10' 0".	D C	Drying closet.
W C	Water closets, 9' 0" × 13' 0".	S R	Store room.
P C	Patients' clothing, 9' 0" × 13' 0".	T	Open terrace over corridor, 12' 0" wide.
L	Clean linen closet, 9' 0" × 11' 0".		

# OCTAGON WARD BASEMENT AND FIRST FLOOR PLANS



-FIG. 1-



-FIG. 2-

-SCALE - ONE INCH - 20 FEET -







LONGITUDINAL AND TRANSVERSE SECTIONS.

FIGURE 1. Longitudinal section north and south.

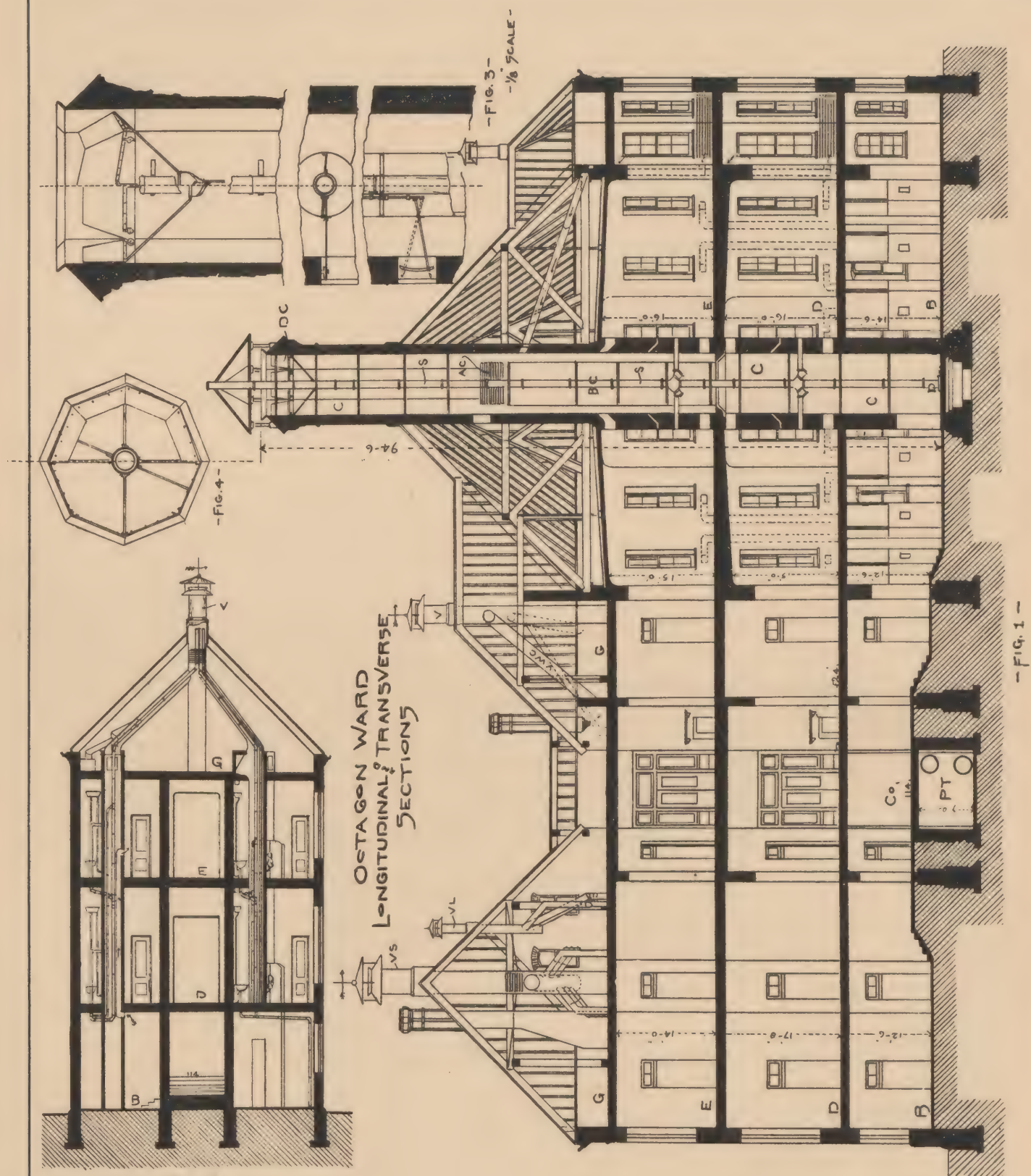
C	Central ventilating chimney, 8' 0" × 8' 0".	VL	Ventilator for linen closet and clothes room, 14" diameter.
BC	Boiler iron cylinder, 6' 0" dia.	Co	Corridor.
AC	Accelerating steam coils.	PT	Pipe tunnel.
VWC	Vent pipe from water closet, 24" diameter.	B	Basement floor.
V	Ventilator for water closet, bath room and lavatory, 32" diameter.	D	Main floor.
VS	Ventilator for special wards, 42" diameter.	E	Second floor.
		G	Attic floor.
		DC	Chimney damper.
		S	Smoke pipe.

FIGURE 2. Transverse section through water closets, dry closets, etc.,  
east and west.

V	Ventilator for water closet, bath room and lavatory, 32" diameter.	D	Main floor.
B	Basement floor.	E	Second floor.
		G	Attic floor.

FIGURE 3. Section of ventilating chimney showing damper.

FIGURE 4. Plan of chimney damper.



-SCALE-20 FT. TO AN INCH-







OCTAGON WARD.  
INTERIOR VIEW.







OCTAGON WARD.  
VIEW FROM SOUTHEAST.







## MAIN FLOOR PLAN AND SECTIONS.

FIGURE 1. Plan of ward floor.

C	Central ventilating chimney, 4' 8"×4' 8".	WC	Water closet.
V	Exit of ventilating ducts.	PC	Patients' clothing, 8' 5"×11' 6".
U	Ventilating shaft for lift.	L	Clean linen closet, 5' 0"×8' 5".
H	Central hall, 20' 6"×32' 0".	NC	Nurses' closet.
PW	Private wards, 16' 10"×17' 0", 16' 10"×15' 2".	CL	Coal and soiled clothes lift, 2' 6" ×2' 10".
W	Lavatory.	R	Range.
B	Bath room, 7' 7"×11' 6".	F	Food lift, 2' 10"×2' 10".
		K	Slop sink.

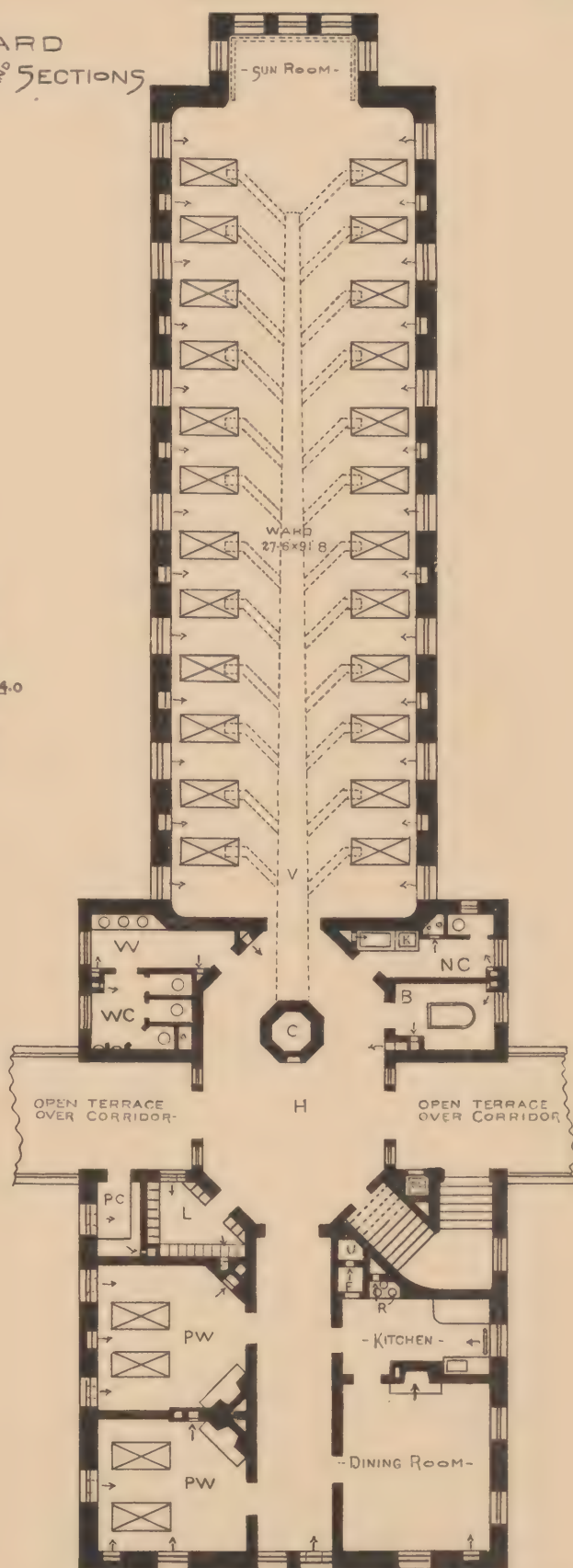
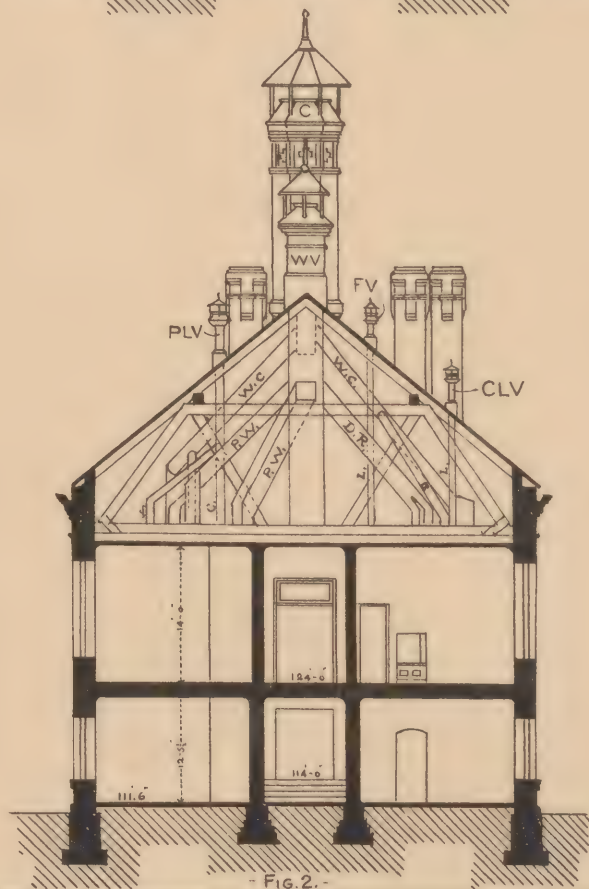
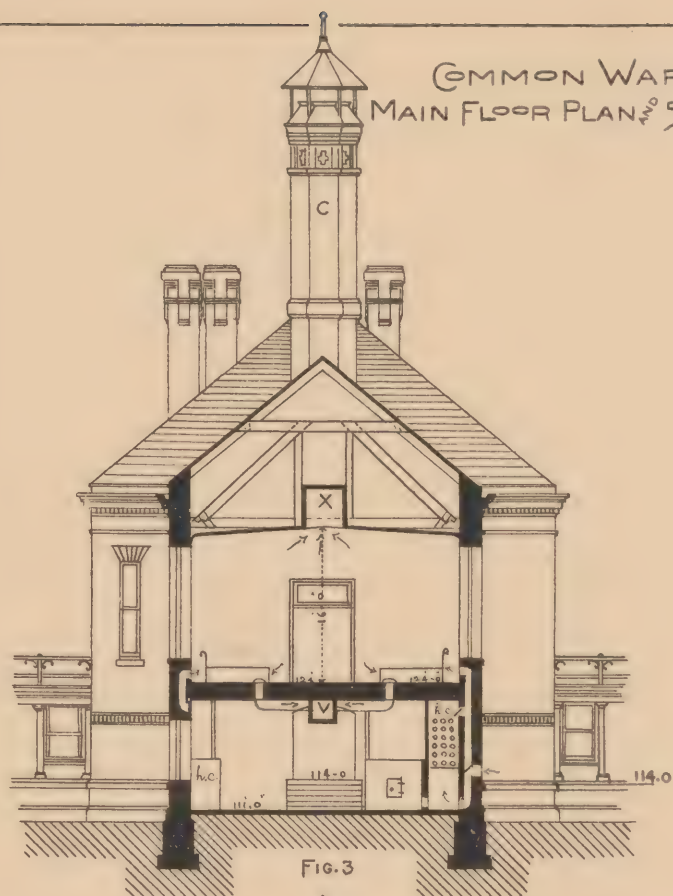
FIGURE 2. Transverse section of Service Building through kitchen.

C	Central ventilating chimney, 4' 8"×4' 8".	DR	Ventilation for dining room, 17"×24".
VW	Ventilating shafts for water closets, 24" diameter.	CLV	Coal and soiled clothes lift vent, 10" diameter.
WC	Ventilation for water closets, 20" and 16" diameter.	FV	Food lift vent, 10" diameter.
PW	Ventilation for private wards, 18"×22".	PLV	Patients' clothing and clean linen vent, 10" diameter.

FIGURE 3. Transverse section through ward.

C	Central ventilating chimney, 4' 8" ×4' 8".	V	Foul air duct in basement, 12' sq.
X	Foul air duct in attic, 48"×51".	hc	Heating coil.

# COMMON WARD MAIN FLOOR PLAN AND SECTIONS









## BASEMENT AND ATTIC FLOOR PLANS.

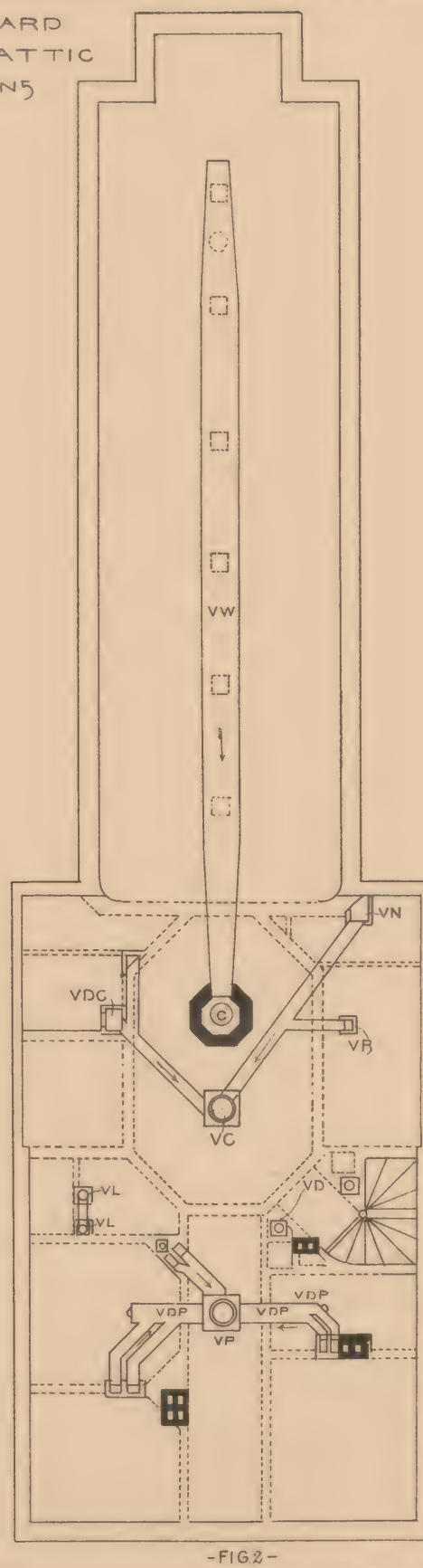
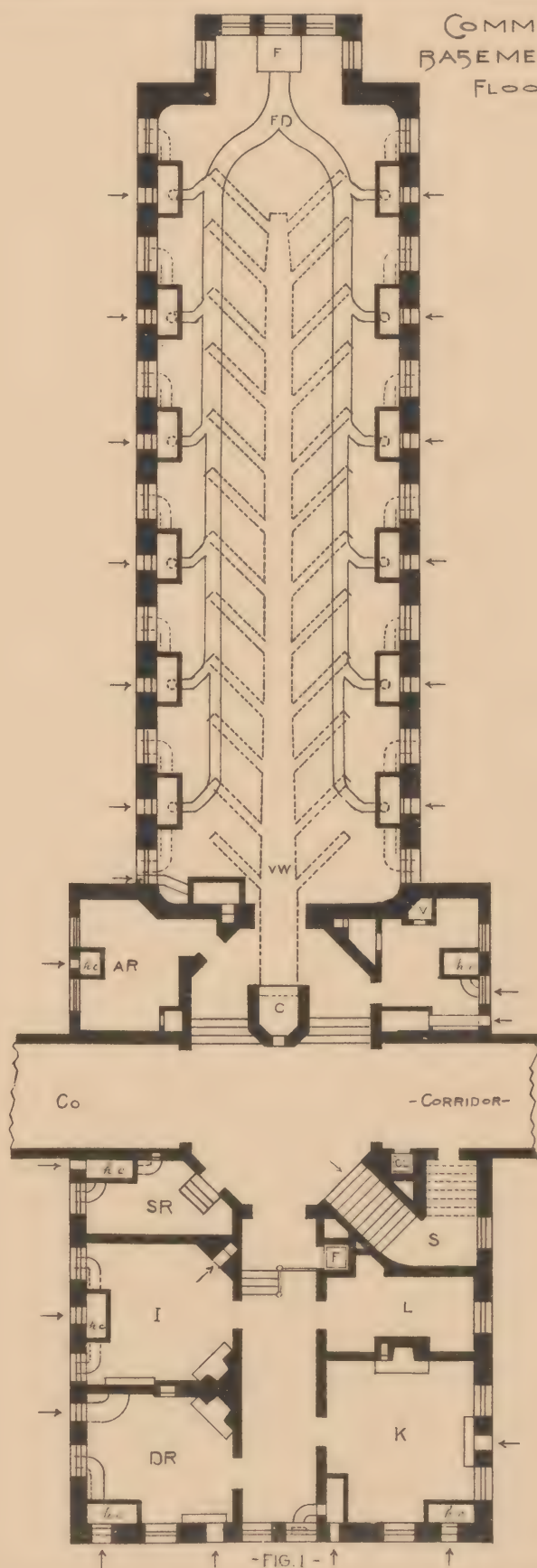
FIGURE 1. Basement.

C	Central ventilating chimney, 4' 8" × 4' 8".	S	Stairway, 6' 0" wide.
V W	Ventilating duct from ward floor, area 12 sq. ft.	I K and L	Clinical laboratory, 16' 10" × 17' 0", 16' 10" × 19' 7", 16' 10" × 8' 6".
V	Vent shaft (water closet and nurses' closets).	D R	Directors' room, 16' 10" × 15' 2".
A R	Airing room (soiled blankets, beds, etc.), 11' 5" × 15' 5".	Co	Corridor, 12' 0" wide.
h c	Heating coils.	S R	Store room, 8' 2" × 16' 10".
F D	Fan duct.	C L	Coal and soiled clothes lift, 2' 6" × 2' 10".
F	Fan.	F	Food lift, 2' 10" × 2' 10".

FIGURE 2. Plan of attic story.

C	Central ventilating chimney, 4' 8" × 4' 8".	V D C	Vent ducts (water closets), 20" diameter.
V W	Ceiling vent, ward, 48" × 51".	V N	Vent, nurses' closet (slop hopper, water closets and dry closets), 16" diameter.
V P	Vent shaft (private wards), 36" diameter.	V B	Vent, bath room, 9" × 12".
V D P	Vent ducts (private wards), 18" × 22" and 17" × 24".	V L	Vent, linen room and patients' clothes room, 10" diameter.
V C	Vent shaft (water closets, baths, etc.), 24" diameter.	V D	Lift vent, 10" diameter.

COMMON WARD  
BASEMENT & ATTIC  
FLOOR PLAN 5









## LONGITUDINAL SECTION NORTH AND SOUTH.

FIGURE 1. Longitudinal section of ward.

B	Basement floor.	DR	Vent pipe from dining room, 17" × 24".
D	Main floor.	PW	Vent pipe from private wards, 18" × 22".
G	Attic floor.	GV	Attic ventilation, 24" diameter.
PT	Pipe tunnel, 7' 0" × 10' 0".	VD	Lift vent, 10" diameter.
C	Central ventilating chimney, 4' 8" × 4' 8".	VL	Linen and patients' clothes room vent, 10" diameter.
AC	Accelerating steam coils.	VP	Vent shaft (private wards), 36" diameter.
X	Foul air duct in attic, 48" × 51".	hc	Heat coils.
V	Foul air duct in basement, area 12 square feet.		
VW	Ventilating shaft for water closets, 24" diameter.		
WC	Vent pipe from water closets, 20" and 16" diameter.		

FIGURE 2. Section of heating coil chamber.

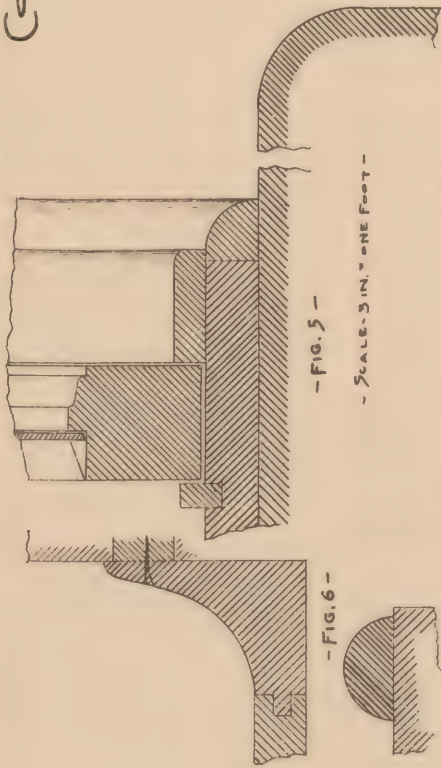
FIGURE 3. Section and plans of ventilating chimney showing damper.

FIGURE 4. Plan of doors showing finish.

FIGURE 5. Plan of windows showing finish.

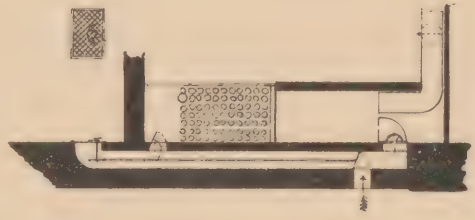
FIGURE 6. Section of washboard.

# COMMON WARD-LONGITUDINAL SECTION NORTH SIDE SOUTH

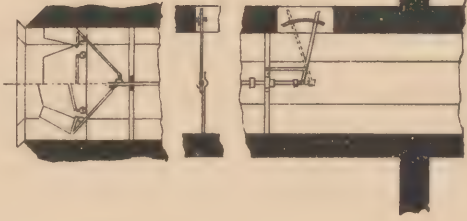


- FIG. 5 -  
- SCALE - 3 IN. = ONE FOOT -

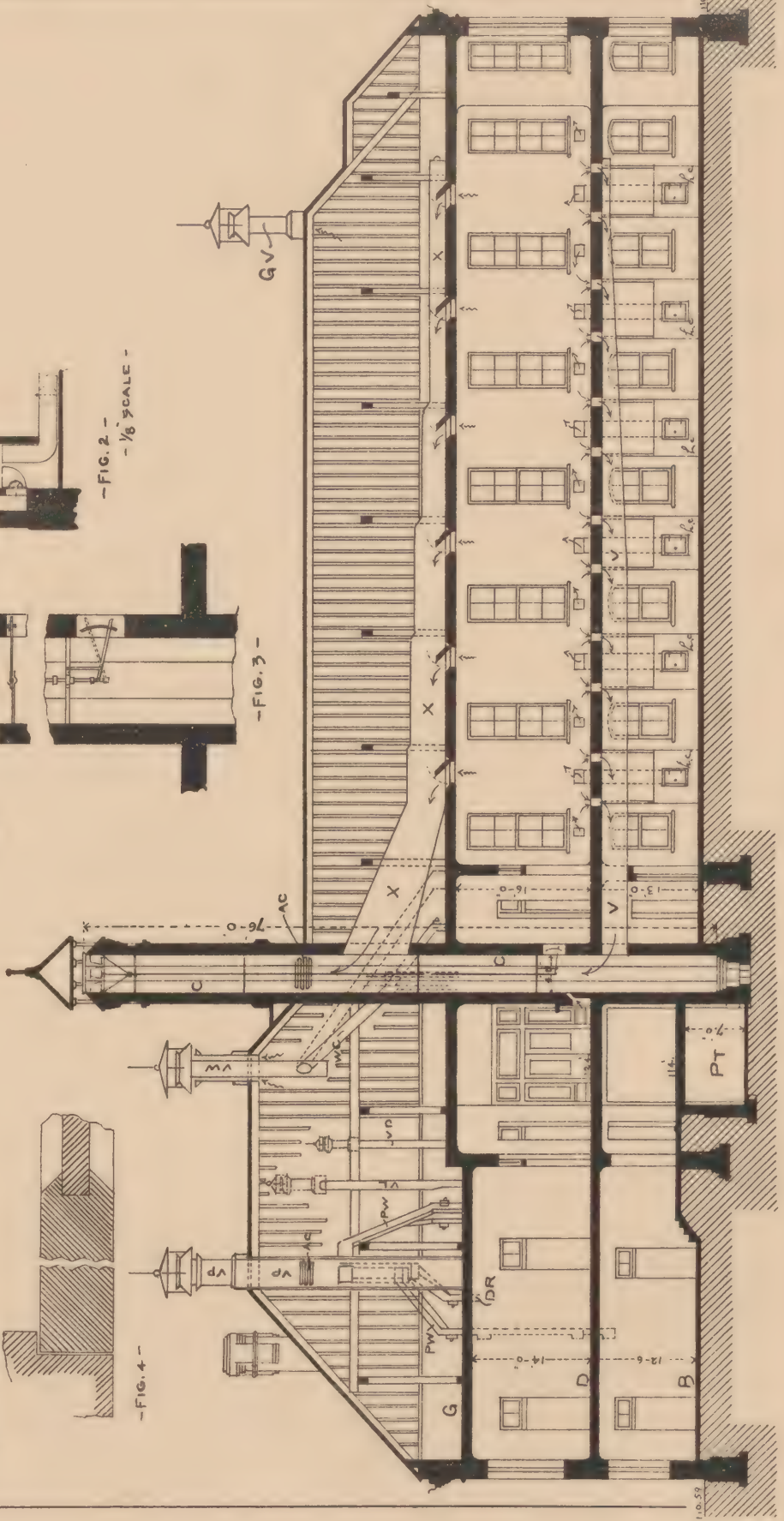
- FIG. 6 -



- FIG. 2 -  
- 1/8" SCALE -



- FIG. 3 -



- FIG. 1 -







COMMON WARD.  
INTERIOR VIEW.







COMMON WARD.  
VIEW FROM SOUTHEAST.







# ISOLATING WARD.

## PLANS AND TRANSVERSE SECTION.

FIGURE 1. Plan of ward floor.

OC	Open air corridor, 10' 0" wide.	DC	Dry closet.
P	Patients' rooms, 11' 0"×13' 1".	WC	Water closet.
I	Rooms with perforated floors, 13' 1"×13' 10".	T	Open terrace over corridor, 12' 0" wide.
N	Nurses' rooms, 13' 5"×15' 8".	K	Sink.
DK	Diet kitchen, 11' 0"×13' 1".	By	Balcony.
F	Food lift, 2' 8"×2' 10".	D	Lift, 2' 5"×3' 2" and 3' 0"×3' 5".
B	Bath room.	S	Stairs.
L	Linen closet.		

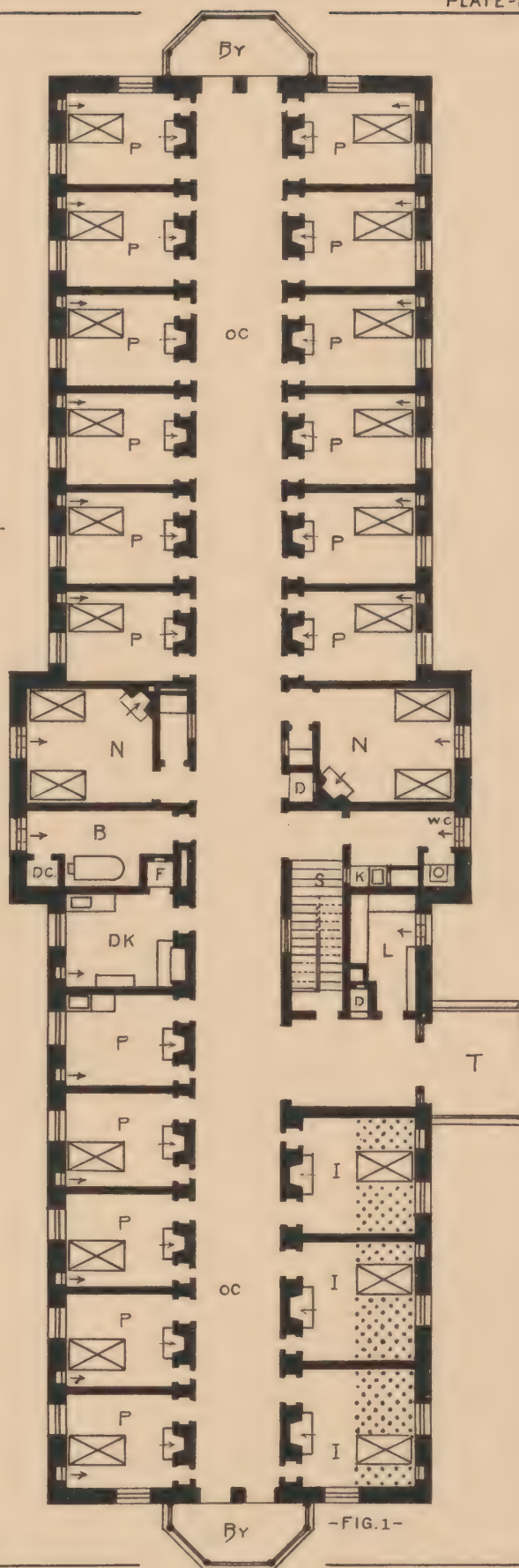
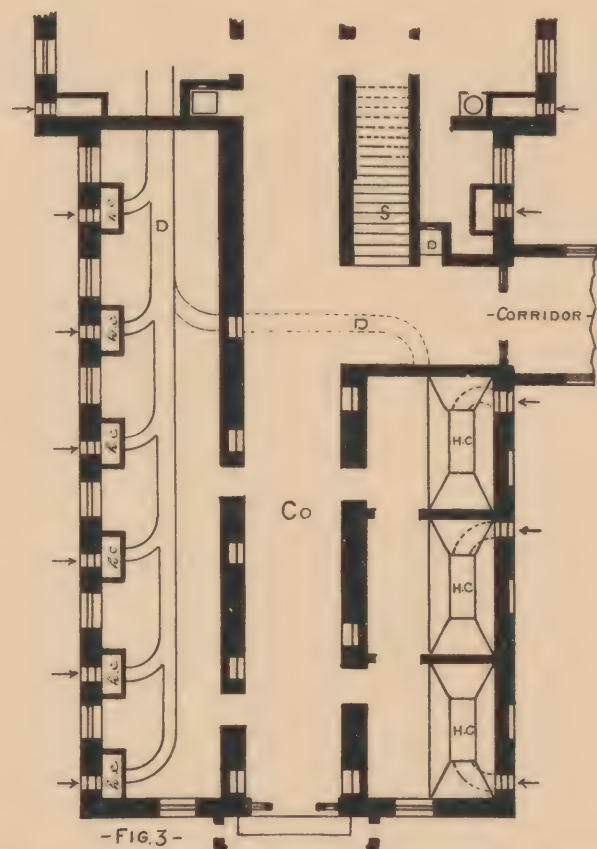
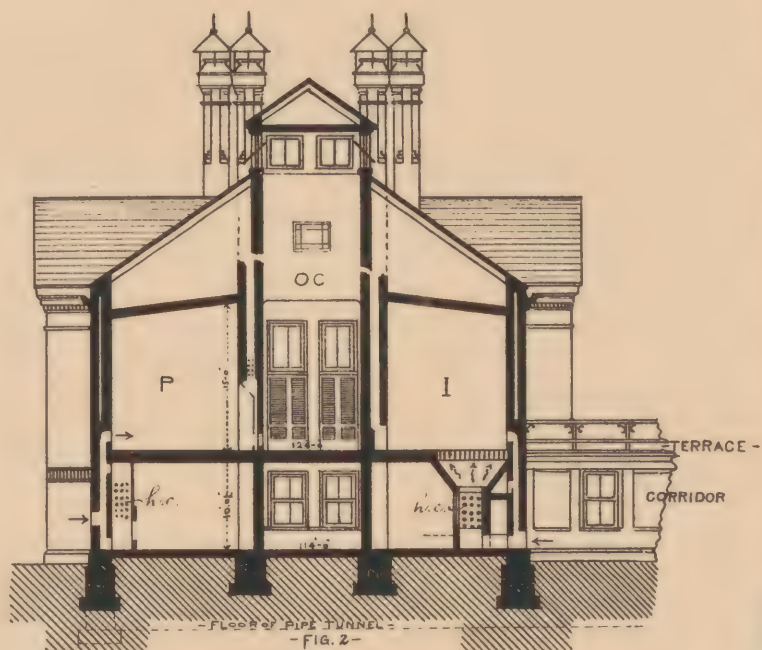
FIGURE 2. Transverse section.

OC	Open air corridor, 10' 0" wide.	I	Rooms with perforated floors.
P	Patients' rooms.	hc	Heating coils.

FIGURE 3. Plan of north end of basement.

Co	Corridor, 10' 0" wide.	D	Fan duct.
S	Stairs.	hc	Heating coils.

# ISOLATING WARD PLAN & TRANSVERSE SECTION



5 SCALE - ONE INCH = 20 FEET -

-ISOLATING WARD-







ISOLATING WARD.

LONGITUDINAL SECTION.

FIGURE 1. Longitudinal section north and south.

B Basement floor.	H C Heat chambers for rooms with
D Main floor.	perforated floors.
G Attic floor.	P T Pipe tunnel.

FIGURE 2. Longitudinal section of heat chamber of rooms with perforated floors.

FIGURE 3. Transverse section of heat chambers.

FIGURE 4. Plan of heat chambers.

FIGURE 5. Transverse section of commode.

V Ventilating flue, 28"×28".	A C Accelerating steam coil.
W C Commode.	

FIGURE 6. Longitudinal section of commode and fire-place.

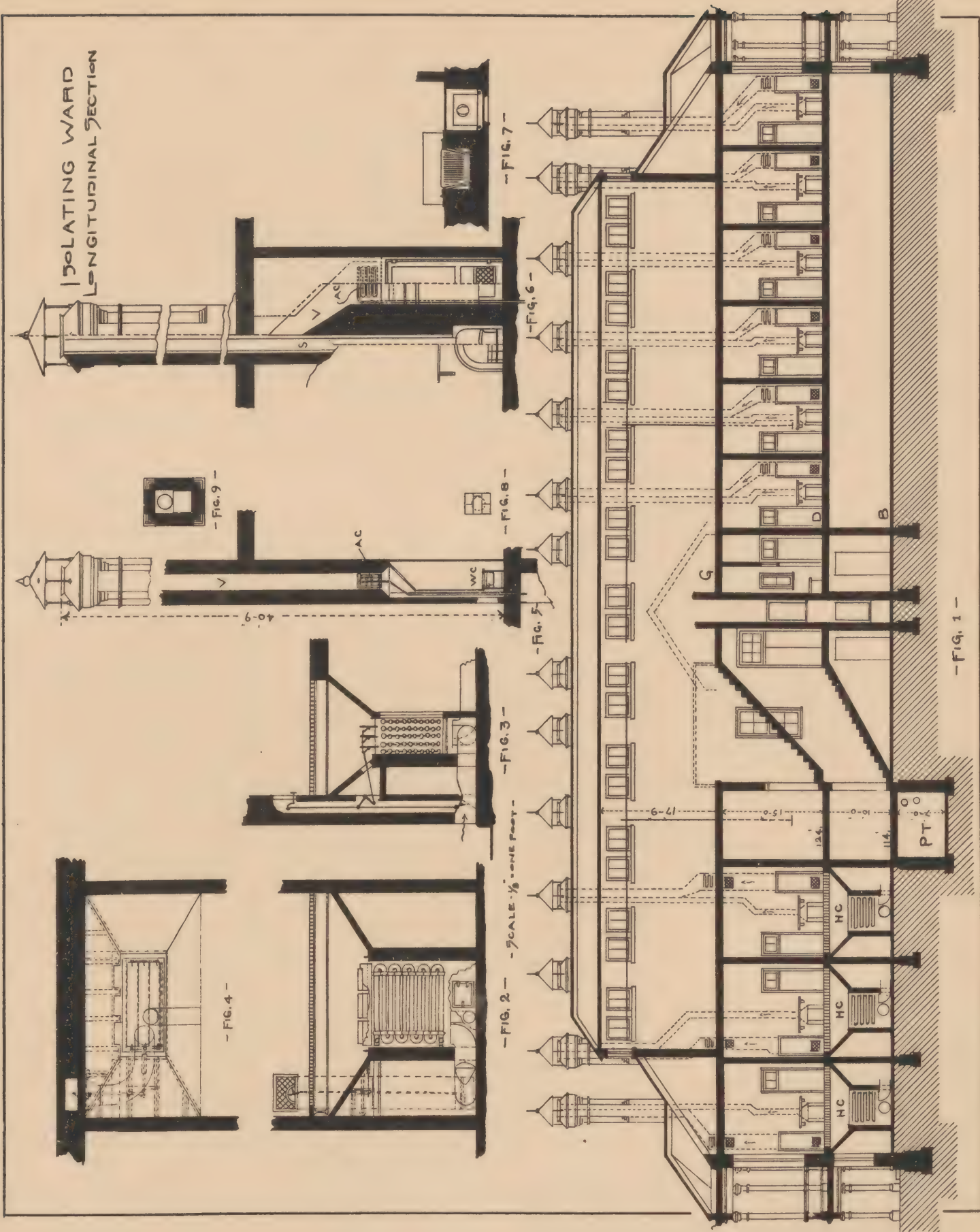
V Ventilating flue from commode.	S Smoke flue from fire-place.
A C Accelerating steam coil.	

FIGURE 7. Plan of fire-place and commode.

FIGURE 8. Commode stand.

FIGURE 9. Plan of chimney, showing vent and smoke flue.

ISOLATING WARD  
LONGITUDINAL SECTION



SCALE - 20 FT. TO AN INCH







ISOLATING WARD.  
VIEW FROM NORTHEAST.







# KITCHEN BUILDING.

## MAIN AND SECOND FLOOR PLANS.

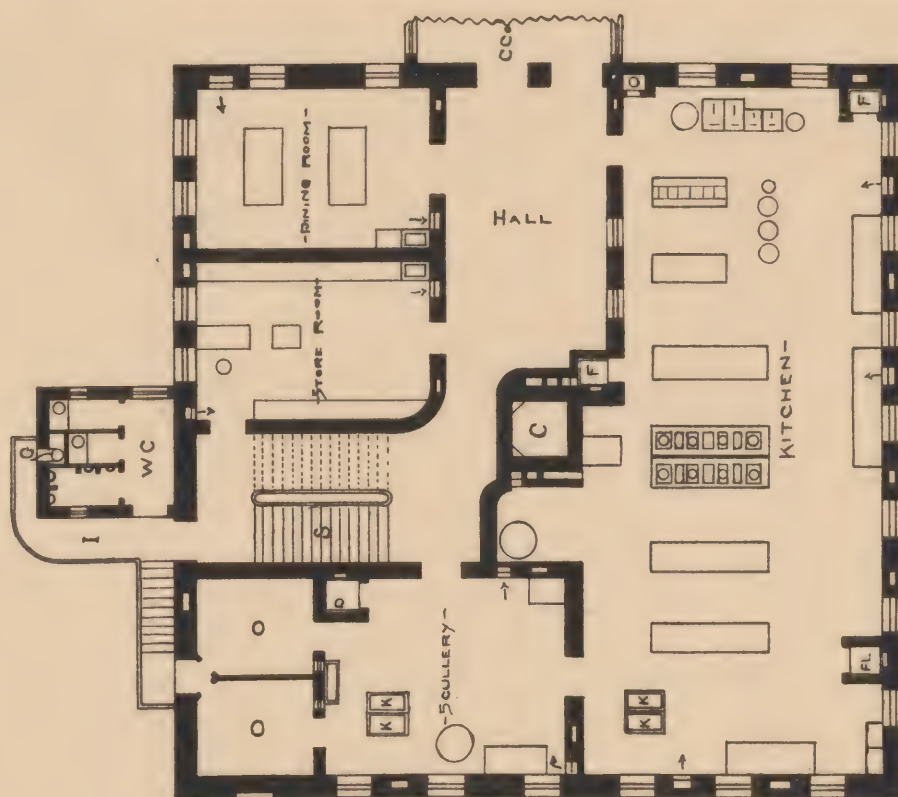
FIGURE 1. Plan of main floor.

C	Smoke and ventilating chimney, 5' 8" × 5' 8".	WC	Water closet.
CCo	Covered corridors to wards.	G	Garbage chute.
O	Cold rooms, 12' 0" × 10' 0" each.	D	Lift, 3' 0" × 3' 3".
FL	Fuel lift, 3' 1" × 3' 1".	I	Iron veranda.
F	Food lift, 2' 8" × 3' 2" and 3' 1" × 3' 5".	S	Stairs, 6' 0" wide.
		K	Sink.

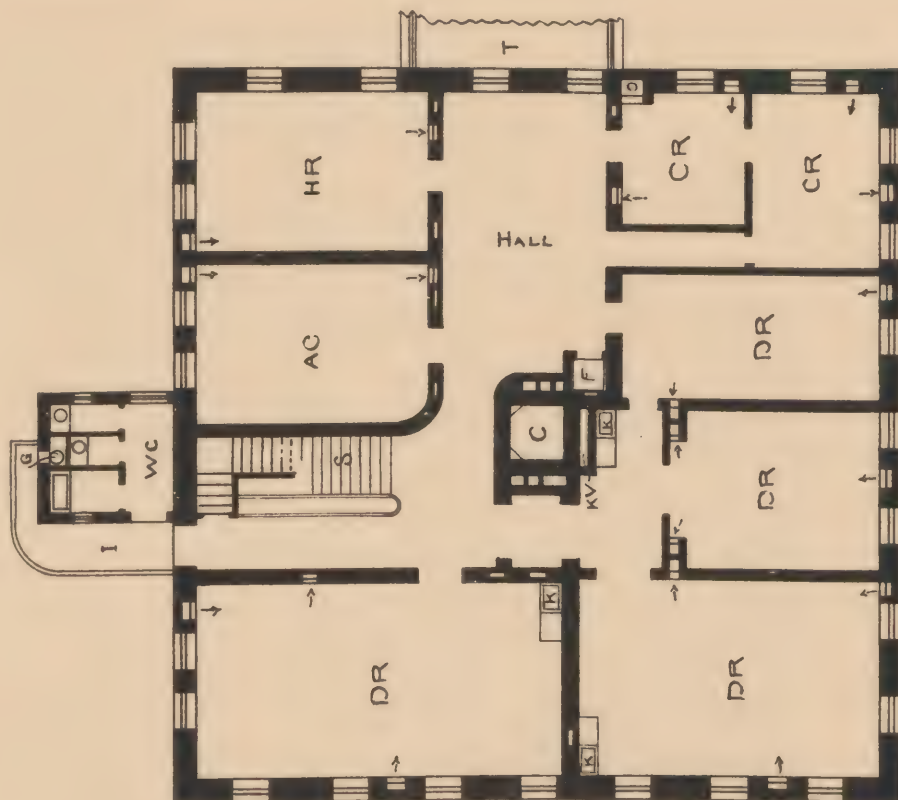
FIGURE 2. Plan of second floor.

C	Smoke and vent chimney, 5' 8" × 5' 8".		
HR	Housekeeper's room, 16' 8" × 24' 0".		
CR	Cook's room, 13' 0" × 18' 0" and 13' 0" × 13' 6".		
AC	Assistant cook's room, 16' 8" × 24' 0".		
DR	Dining rooms, 20' 0" × 37' 10", 20' 6" × 31' 0", 16' 0" × 22' 0" and 13' 9" × 27'.		
F	Food lift, 2' 8" × 3' 2"; Vent 12" × 14".		
T	Open terrace over corridor.		
WC	Water closets.	S	Stairs, 6' 0" wide.
I	Iron veranda.	KV	Kitchen vent, 9" × 62".
G	Garbage chute.	K	Sink.

KITCHEN BUILDING  
MAIN & SECOND FLOOR PLANS



-FIG. 1-



-FIG. 2-

-SCALE - ONE INCH = 20 FEET -







PLATE 30.

## KITCHEN BUILDING.

BASEMENT FLOOR PLAN WITH SECTION OF COLD ROOMS.

FIGURE 1. Basement floor plan.

C	Central ventilating chimney, 5' 8" × 5' 8".	A L	Ash lift, 3' 6" × 3' 6".
S R	Store rooms, 16' 5" × 23' 8".	P C	Pastry cook's room, 12' 5" × 31' 1".
O	Cold room, 12' 0" × 19' 9".	S	Stairs, 6' 0" wide.
V R	Vegetable room, 19' 9" × 24' 8".	F A	Fresh air inlet, 3' 8" × 3' 8".
F	Food lift, 3' 1" × 3' 5".	S L	Skylight over boilers.
F L	Fuel lift, 3' 1" × 3' 1".	H L	Hyatt lights.
G	Garbage room, 12' 6" × 9' 9".	D	Lift, 3' 0" × 3' 3".
		P T	Pipe tunnel.

FIGURE 2. Section through cold rooms.

KITCHEN BUILDING  
BASEMENT FLOOR PLAN  
WITH  
SECTION OF COLD ROOM









## KITCHEN BUILDING.

## SECTION EAST AND WEST.

FIGURE 1. Section east and west.

A	Cellar.	C	Smoke and ventilating chimney.
B	Basement or bakery floor.	S	Stairs.
D	Main or kitchen floor.	W C	Water closet.
E	Dining room floor.	G R	Garbage room.
G	Attic floor.	V	Inlet of ventilating and smoke flues.
X	Hot water flow pipe, 26" dia.	F A	Fresh air inlet.
Y	Hot water return pipe, 26" dia.	P F	Passage to general fuel lift.
S D	Entrance of smoke duct to chimney.	H L	Hyatt lights over fuel passage.

FIGURE 2. Plan of chimney at dining room floor.

C	Main smoke flue from boilers.	H	Hot water boiler smoke flue, 9" × 13".
K V	Kitchen ventilating flue, 9" × 62".	B	Bake oven smoke flue, 9" × 30".
K	Kitchen smoke flue, 9" × 34".	B V	Bakery vent flue, 9" × 24".
P	Pastry oven smoke flue, 9" × 13".	F V	Lift vent flue, 9" × 13".

FIGURE 3. Section of chimney on line *a-b* of Fig. 2, showing entrance of north flues into main duct.FIGURE 4. Section of chimney on line *c-a* of Fig. 2, showing entrance of kitchen ventilating flue on west side.FIGURE 5. Section of chimney on line *a-b* of Fig. 2, showing entrance of south flues.









# KITCHEN BUILDING.

## SECTION NORTH AND SOUTH.

FIGURE 1. Section north and south.

A	Cellar floor.	S X	Steam flow pipe to Amphitheatre and Dispensary, 8" dia.
B	Basement, bakery floor.	S Y	Steam return pipe from Amphitheatre and Dispensary, 8" dia.
D	Main, kitchen floor.	S L	Skylight over boilers.
E	Dining room floor.	C V	Coal vaults.
G	Attic floor.	P	Pavement on Monument Street.
H	Boilers.	C Co	Covered corridor to wards, etc.
S D	Smoke duct from boilers, 13 sq. ft.	T	Open terrace over corridor.
C	Smoke and ventilating chimney.	P Y	Paved yard.
X	Hot water flow pipe.	W F	No. 5 Loomis water filters.
Y	Hot water return pipe.		
P T	Pipe tunnel.		

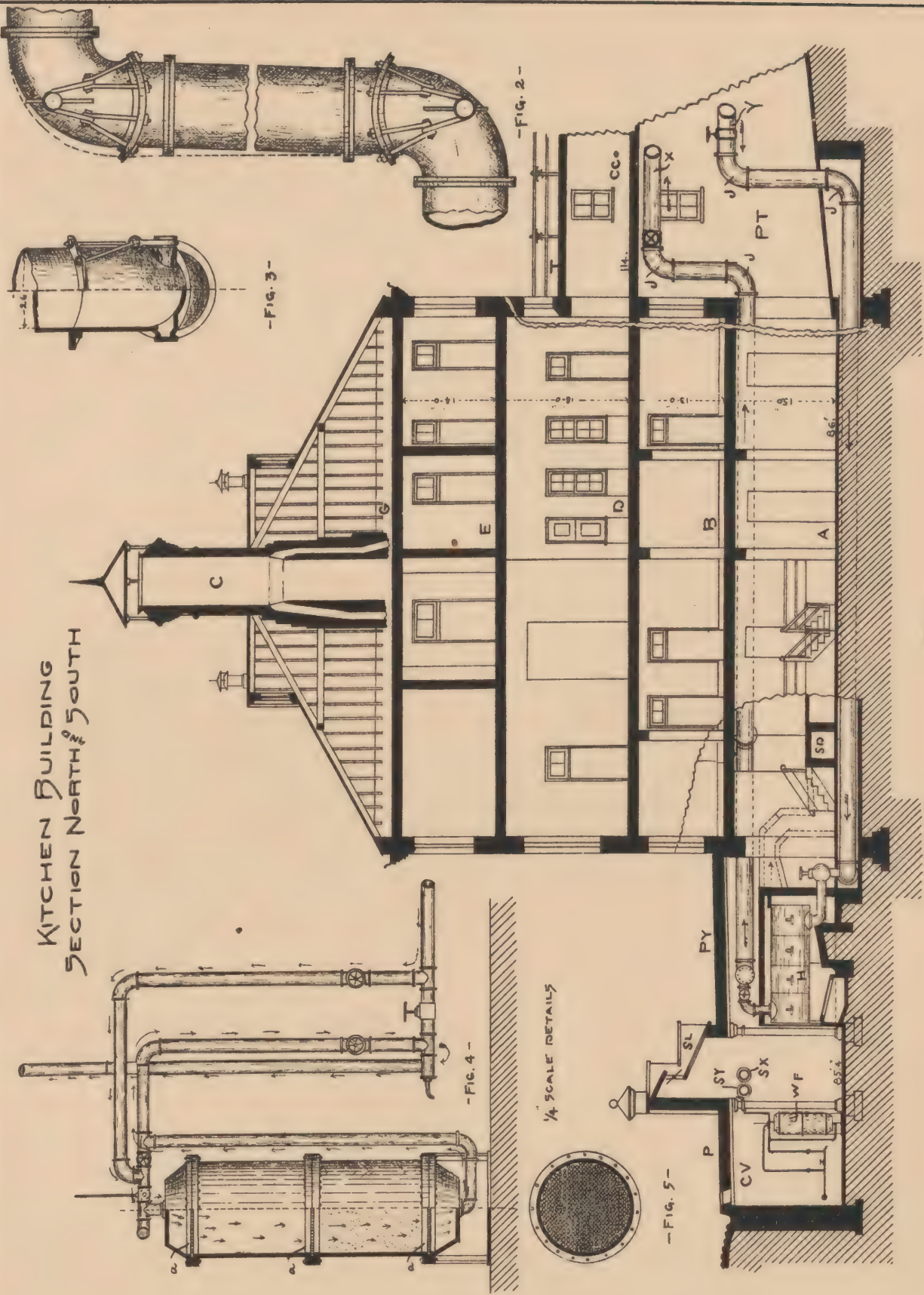
FIGURE 2. Detail of expansion joints, J.

FIGURE 3. Section and end elevation of expansion joint.

FIGURE 4. Elevation and section of Loomis Filter, with connections.

FIGURE 5. Plan of perforated plates "a."

KITCHEN BUILDING  
SECTION NORTH  $\frac{1}{2}$  SOUTH



-FIG. 1-

-FIG. 2-

-FIG. 3-

-FIG. 4-

-FIG. 5-

1/4" SCALE DETAILS







KITCHEN BUILDING.  
VIEW IN KITCHEN.







# KITCHEN BUILDING.

## PLAN OF CELLAR AND VAULTS.

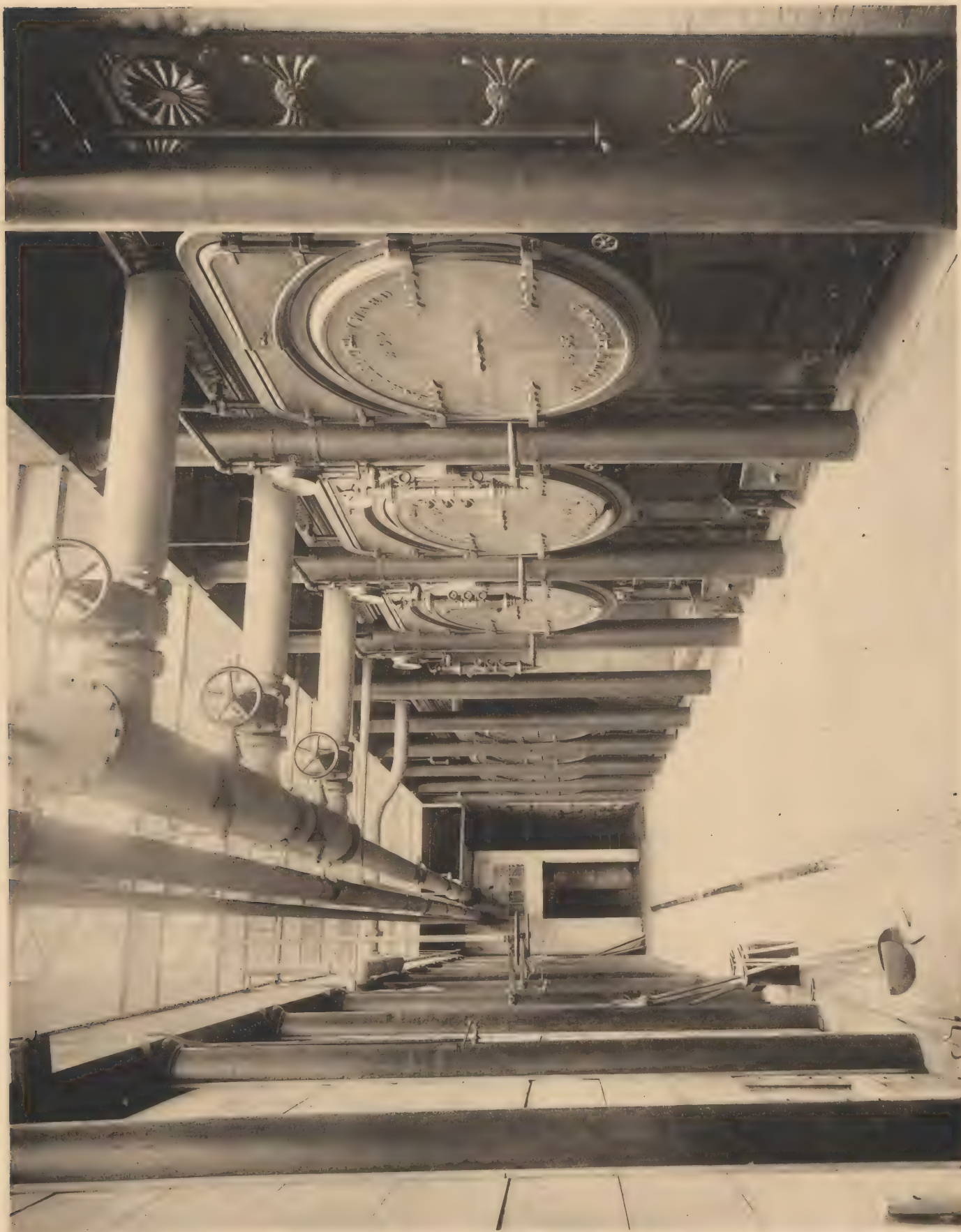
FIGURE 1. Cellar and vaults.

C	Smoke and ventilating chimney, 5' 8" × 5' 8".	S	Stairs.
MS	Machine shop, 16' 5" × 23' 8".	FA	Fresh air inlets, 3' 8" × 3' 8".
SR	Store room, 19' 9" × 24' 0".	AL	Ash lift, 3' 6" × 3' 6".
ELP	Electric light plant, 18' 4" × 26' 6", 12' 0" × 12' 5", 23' 8" × 31' 1".	CV	Coal vaults.
FL	Fuel lift, 3' 1" × 3' 1".	ST	Steam pipe tunnel to Amphi- theatre and Dispensary, 3' 6" wide × 5' 9" high.
EB	Empty basement, 12' 5" × 31' 1".	WF	Two No. 5 Loomis water filters.
PF	Passage to general fuel lift, 6' 0" wide.	PT	Pipe tunnel.
A	Area.	WP	Pump to supply water to tanks in Administration Building.
PS	Pipe shaft.	BP	Pump to supply water to steam boilers.
hc	Heating coils.		









KITCHEN BUILDING.  
VIEW IN BOILER ROOM.







PLATE 36.

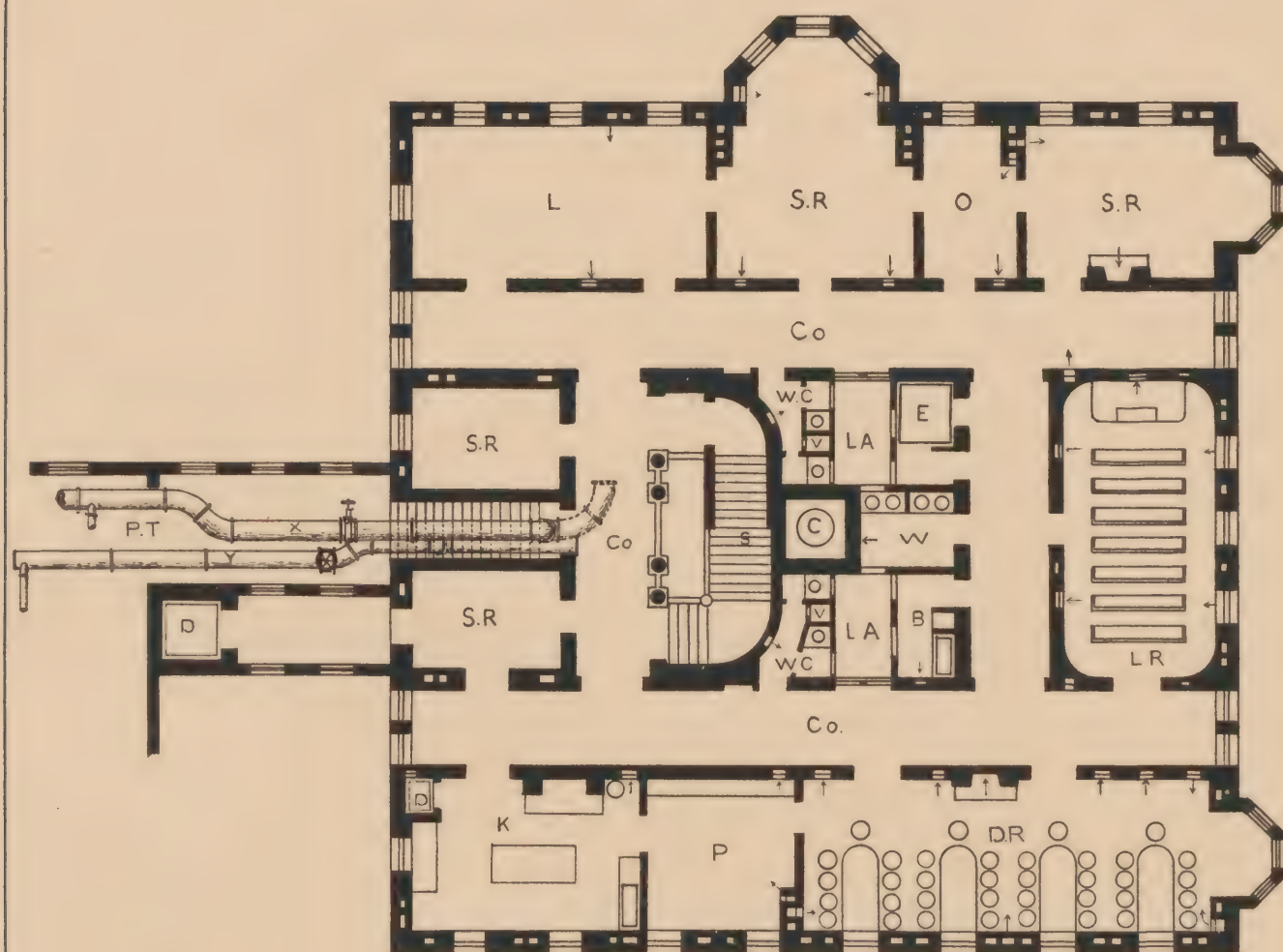
## NURSES' HOME.

### BASEMENT FLOOR PLAN.

FIGURE 1. Basement plan.

L R	Lecture room, 16' 0" × 31' 0".	W	Lavatory.
K	Training school kitchen, 16' 0" × 24' 6".	W C	Water closets.
L	Study, 16' 0" × 31' 7".	V	Ventilating shafts for water closets, 24" × 32".
D R	Dining room, 16' 0" × 43' 3".	L A	Light and air shafts, 7' 0" × 11' 0".
P	Pantry, 16' 0" × 15' 8".	E	Elevator, 5' 6" × 6' 0"; Vent 12" × 18".
O	Sewing room, 16' 0" × 10' 0".	Co	Corridor, 8' 4" wide.
S R	Store room.	P T	Pipe tunnel.
S	Main stairway, 6' 10" wide.	X	Hot water flow pipe.
C	Centre ventilating chimney, 6' 3" × 6' 3".	Y	Hot water return pipe.
B	Bath room.	D	Lift, 3' 10" × 4' 0" and 2' 10" × 3' 6".

# NURSES' HOME BASEMENT FLOOR PLAN



- FIG.1 -







PLATE 37.

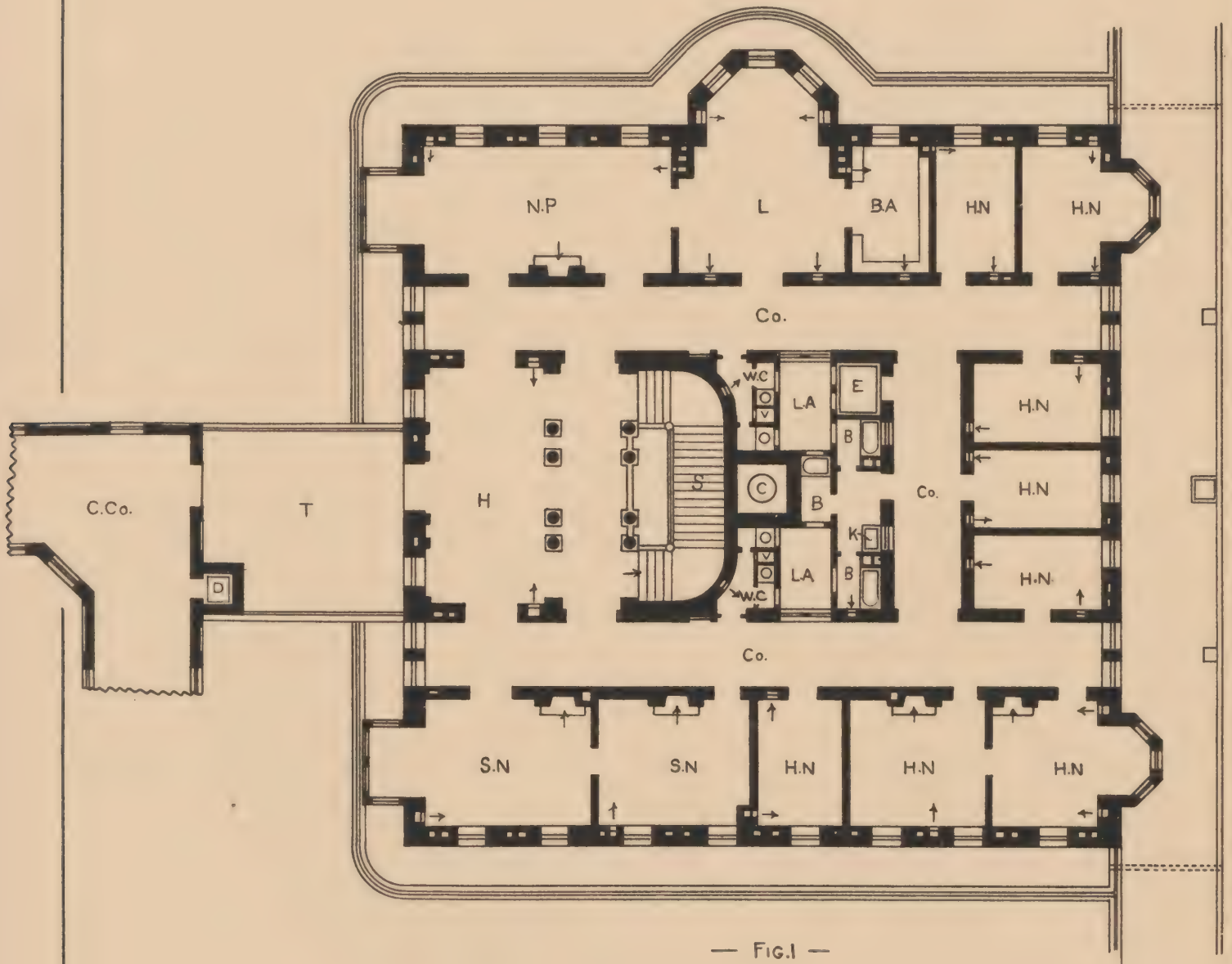
## NURSES' HOME.

### MAIN FLOOR PLAN.

FIGURE 1. Main floor plan.

H	Main hall, 30' 0" × 38' 0".	B	Bath rooms.
N P	Nurses' parlor, 16' 0" × 32' 0".	W C	Water closets.
L	Library, 21' 0" × 25' 0".	V	Ventilating shafts for water closets, 24" × 32".
B A	Book alcove, 10' 0" × 16' 0".	E	Elevator, 5' 6" × 6' 0"; Vent 12" × 18".
H N	Rooms for head nurses, 10' 0" × 16' 0".	Co	Corridor, 8' 4" wide.
S N	Rooms of superintendent of nurses 16' 0" × 21' 0", 16' 0" × 19' 0".	C Co	Covered corridors to wards, etc.
S	Main stairs, 6' 10" wide.	T	Open terrace over pipe tunnel.
C	Central ventilating chimney, 6' 3" × 6' 3".	K	Sink.
L A	Light and air shafts, 7' 0" × 11' 0".	D	Lift, 3' 10" × 4' 0"; Emmerson ventilator, 14" diameter.

# NURSES' HOME MAIN FLOOR PLAN



— FIG. I —







PLATE 38.

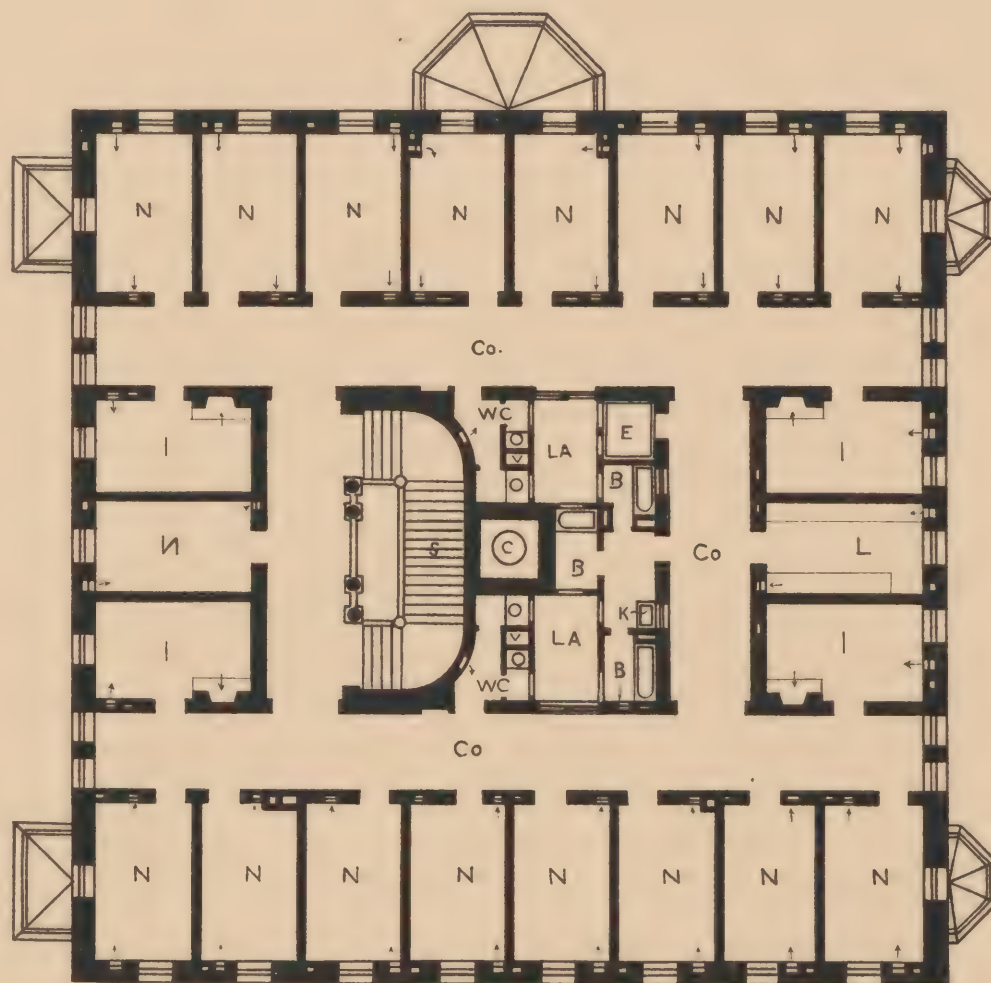
## NURSES' HOME.

SECOND AND THIRD FLOOR PLANS.

FIGURE 1. Second floor plan.

- |  |   |
|--|---|
| I Nurses' rooms, with fire-places to be used in case of sickness, 10' 0" × 16' 0". | LA Light and air shafts, 7' 0" × 11' 0".          |
| N Nurses' rooms, 10' 0" × 16' 0".  | B Bath rooms.                                     |
| S Main stairway, 6' 10" wide.  | WC Water closets.                                 |
| L Linen room, 10' 0" × 16' 0".   | V Ventilating shaft for water closets, 24" × 32". |
| C Central ventilating chimney, 6' 3" × 6' 3".                                      | E Elevator, 5' 6" × 6' 0".                        |
|  | K Sink.   |

# NURSES' HOME SECOND AND THIRD FLOOR PLANS



- Fig. I -







PLATE 39.

## NURSES' HOME.

SECTION NORTH AND SOUTH.

FIGURE 1. Section north and south.

A	Cellar floor.	C Co	Covered corridor, main floor level.
B	Basement floor.	S	Main stairs.
D	Main floor.	H	Boilers.
E	Second floor.	CV	Coal vaults.
F	Third floor.	T	Open terrace over pipe tunnel.
G	Attic floor.	PT	Pipe tunnel.
C	Central ventilating chimney, 6' 3" $\times$ 6' 3".	X	Hot water flow pipe.
V	Opening of ventilating flue into chimney, 48" $\times$ 48".	Y	Hot water return pipe.
		J	Expansion joints.

# NURSE'S HOME SECTION NORTH AND SOUTH

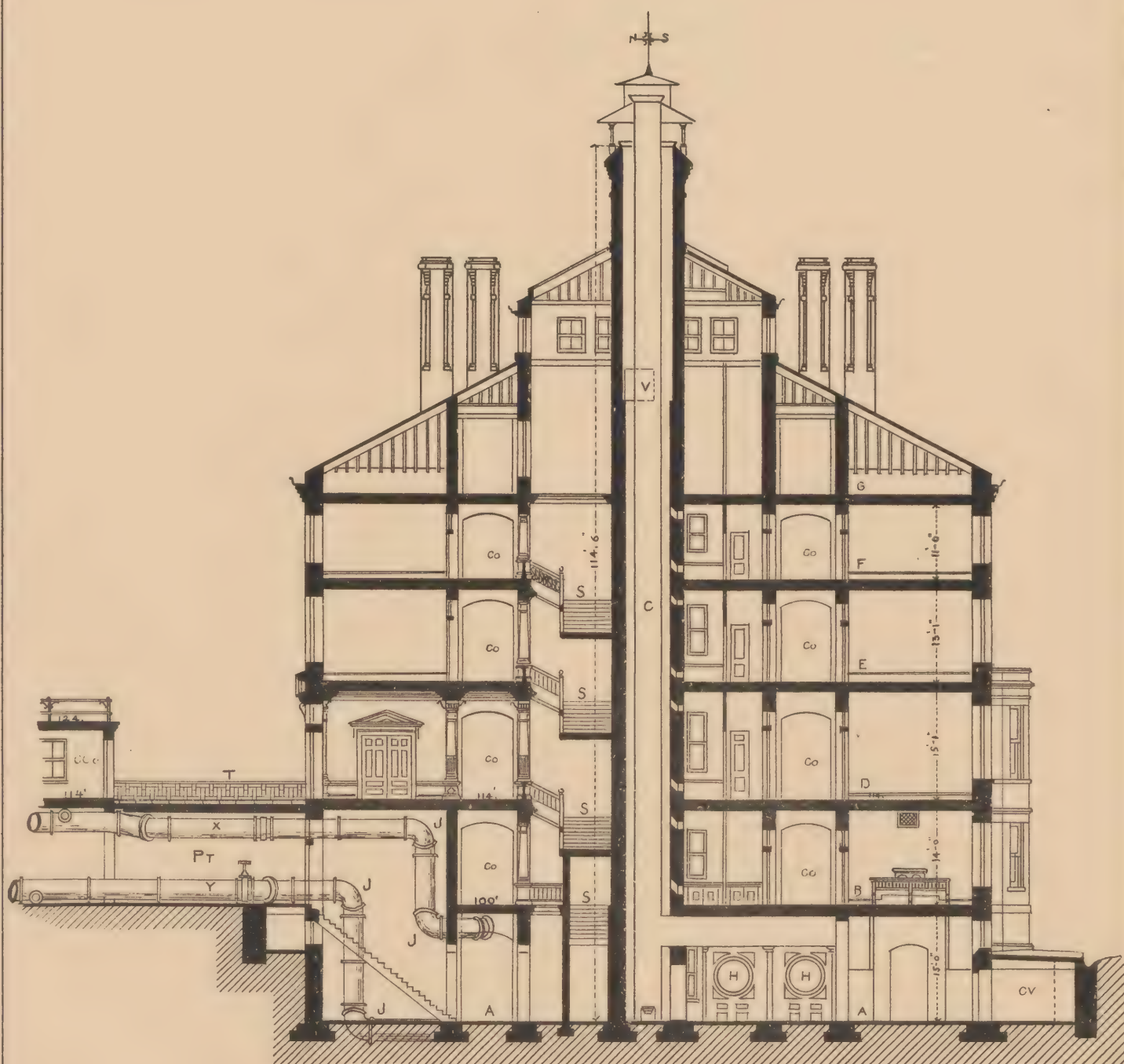


FIG. 1

SCALE - 20 FT TO AN INCH







PLATE 40.

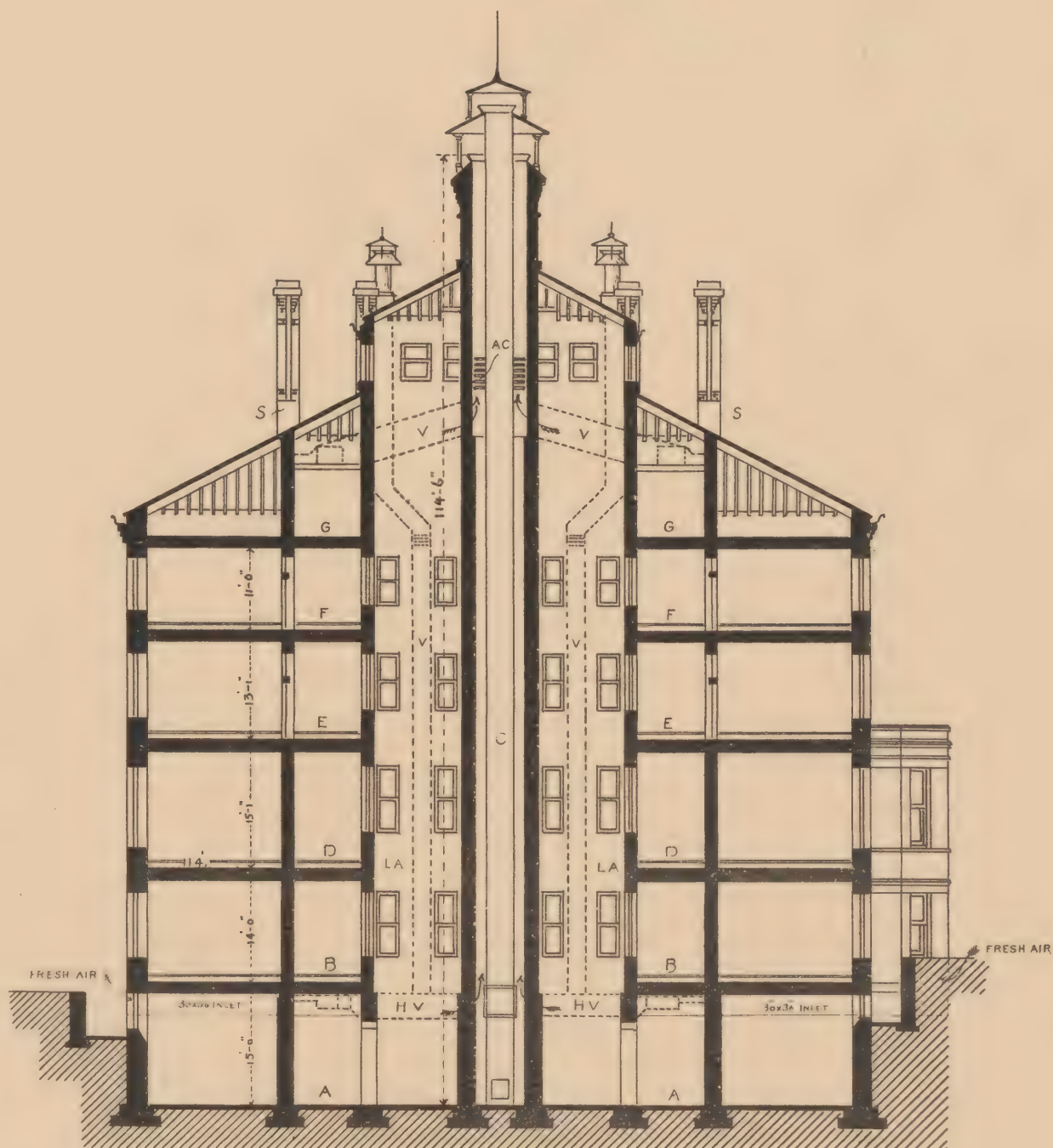
## NURSES' HOME.

SECTION EAST AND WEST.

FIGURE 1. Section east and west.

A	Cellar floor.	H V	Horizontal ventilating flues, 30''
B	Basement floor.		× 36'' and 30'' × 30''.
D	Main floor.	V	Ventilating flues, 24'' × 32'' and
E	Second floor.		48'' × 48''.
F	Third floor.	S	Smoke flues.
G	Attic floor.	L A	Light and air shafts, 7' 0'' × 11' 0''.
C	Central ventilating chimney, 6' 3''	AC	Accelerating steam coils.
	× 6' 3''.		

# NURSE'S HOME SECTION EAST AND WEST



- Fig. 1 -







NURSES' HOME.  
VIEW FROM NORTHEAST.





NURSES' HOME.  
VIEW IN MAIN HALL.







NURSES' HOME.  
VIEW IN PARLOR.







PLANS AND SECTIONS.

FIGURE 1. Main floor plan.

A Pharmacy, 18' 0" × 28' 0".	P Pantry, 5' 0" × 12' 2".
W A Waiting place for attendants.	D W Lift, 2' 0" × 2' 6".
A R Apothecary's room, 9' 6" × 14' 0".	S B Stairs to basement.
A S Apothecary's sleeping rooms, 11' 8" × 15' 6".	C Ventilating chimneys, 3' 10" dia.
D R Dining room for officers of Hospital, 19' 3" × 43' 0".	H Central hall, 9' 0" wide.
T K Tea kitchen, 12' 2" × 16' 4".	S Stairs leading to quarters of female servants.

FIGURE 2. Second floor plan.

S R Servants' rooms, 10' 6" × 19' 3".	K Sink.
B Bath rooms.	S Stairs.
W C Water closet.	C Ventilating chimneys, 3' 10" dia.
H Central hall.	

FIGURE 3. Transverse section north and south.

B Basement floor.	F Third floor.
D Main floor.	G Attic floor.
E Second floor.	C Ventilating chimney, 3' 10" dia.

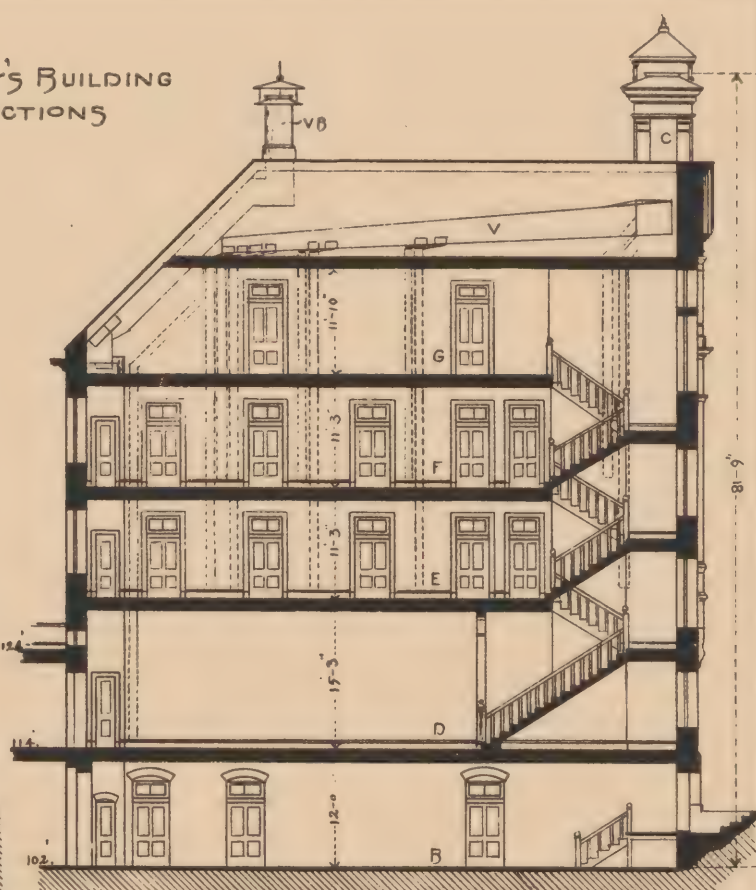
FIGURE 4. Longitudinal section east and west.

B Basement floor.	G Attic floor.
D Main floor.	V Ventilating flue, 40" × 40".
E Second floor.	C Ventilating chimneys, 48" × 48".
F Third floor.	V B Bath and water closet vent, 30" dia.

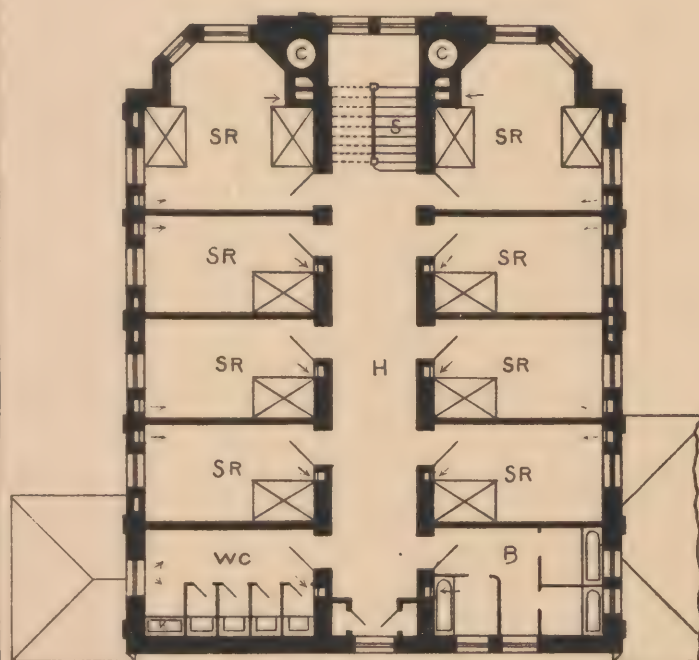
APOTHECARY'S BUILDING  
PLAN & SECTIONS



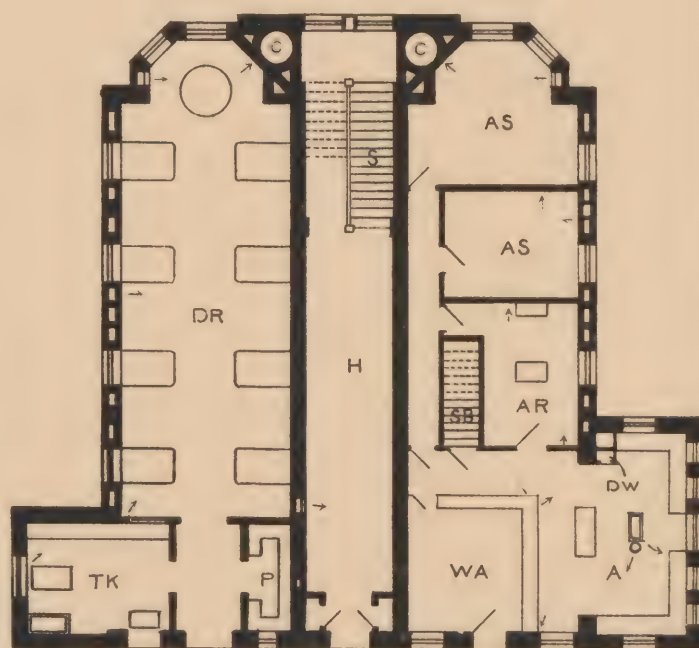
- FIG. 3 -



- FIG. 4 -



- FIG. 2 -



- FIG. 1 -







APOTHECARY'S BUILDING.  
VIEW FROM SOUTHEAST.





## PLAN AND SECTIONS.

FIGURE 1. Main floor plan.

V	Vestibule.	M	General medicine, 13' 4"×16' 0", 13' 4"×16' 0", 14' 9"×16' 0".
WR	General waiting room, 52' 0"× 52' 0".	PH	Pharmacy, 8' 6"×16' 6".
SE	General surgical and eye and ear rooms, 10' 6"×14' 2", 14' 2"× 17' 3", 15' 0"×16' 0".	B	Bath rooms.
N	Neurological room, 10' 0"×16' 0".	WC	Water closets.
S	Skin diseases, 10' 0"×16' 0".	C	Ventilating chimney, 6' 0"×6' 0".
GU	Genito-urinary diseases, 14' 9"× 16' 0".	Co	Corridor leading to Amphitheatre 5' 0" wide.
G	Gynaecological room, 14' 2"× 20' 2".	P	Open passage between Amphi- theatre and Dispensary, 5' 0" wide.
T	Throat diseases, 15' 0"×16' 0".	SB	Stairs to basement.
CD	Children's diseases, 13' 4"×16' 0".	J	Janitor, 8' 6"×14' 2".

FIGURE 2. Section north and south.

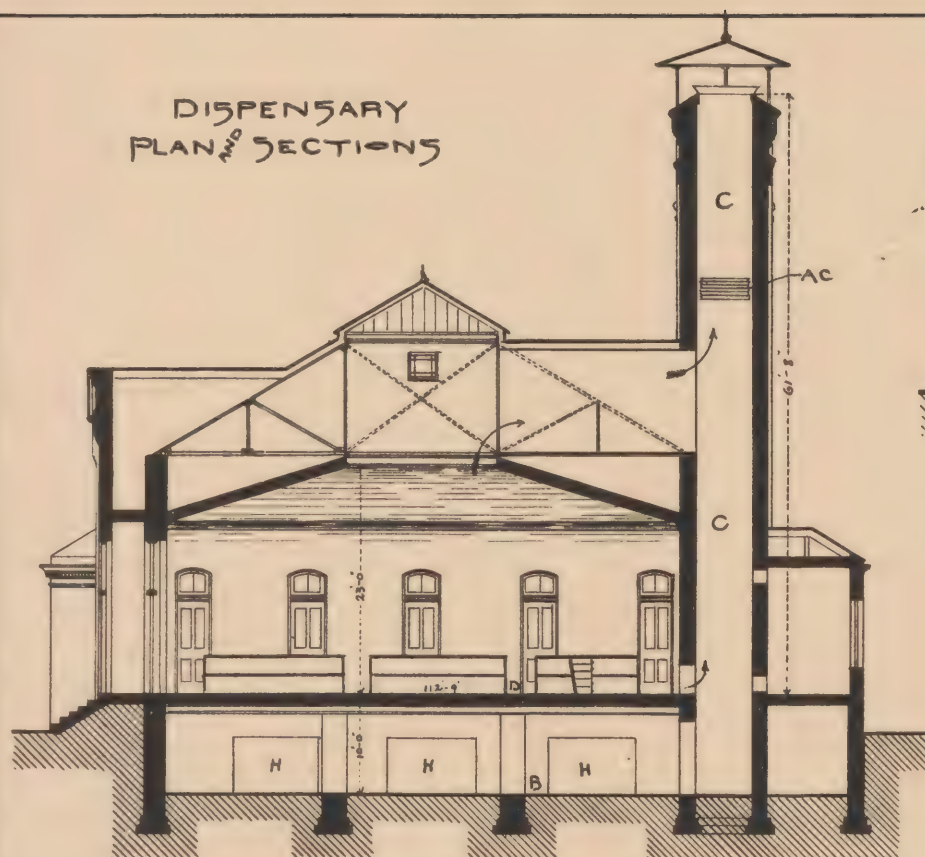
B	Basement floor.	AC	Accelerating steam coils.
D	Main floor.	H	Heat chambers.
C	Ventilating chimney, 6' 0"×6' 0".		

FIGURE 3. Longitudinal section of heating chambers.

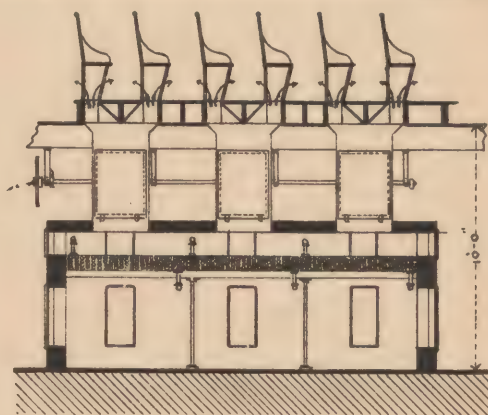
FIGURE 4. Transverse section of heating chambers.



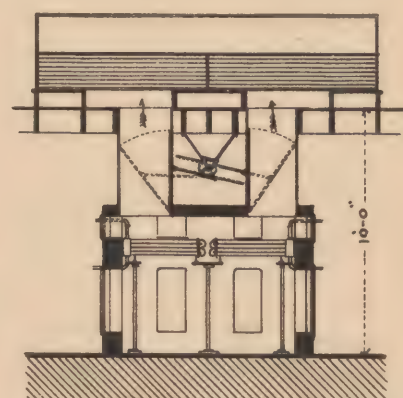
# DISPENSARY PLAN AND SECTIONS



-FIG. 2-

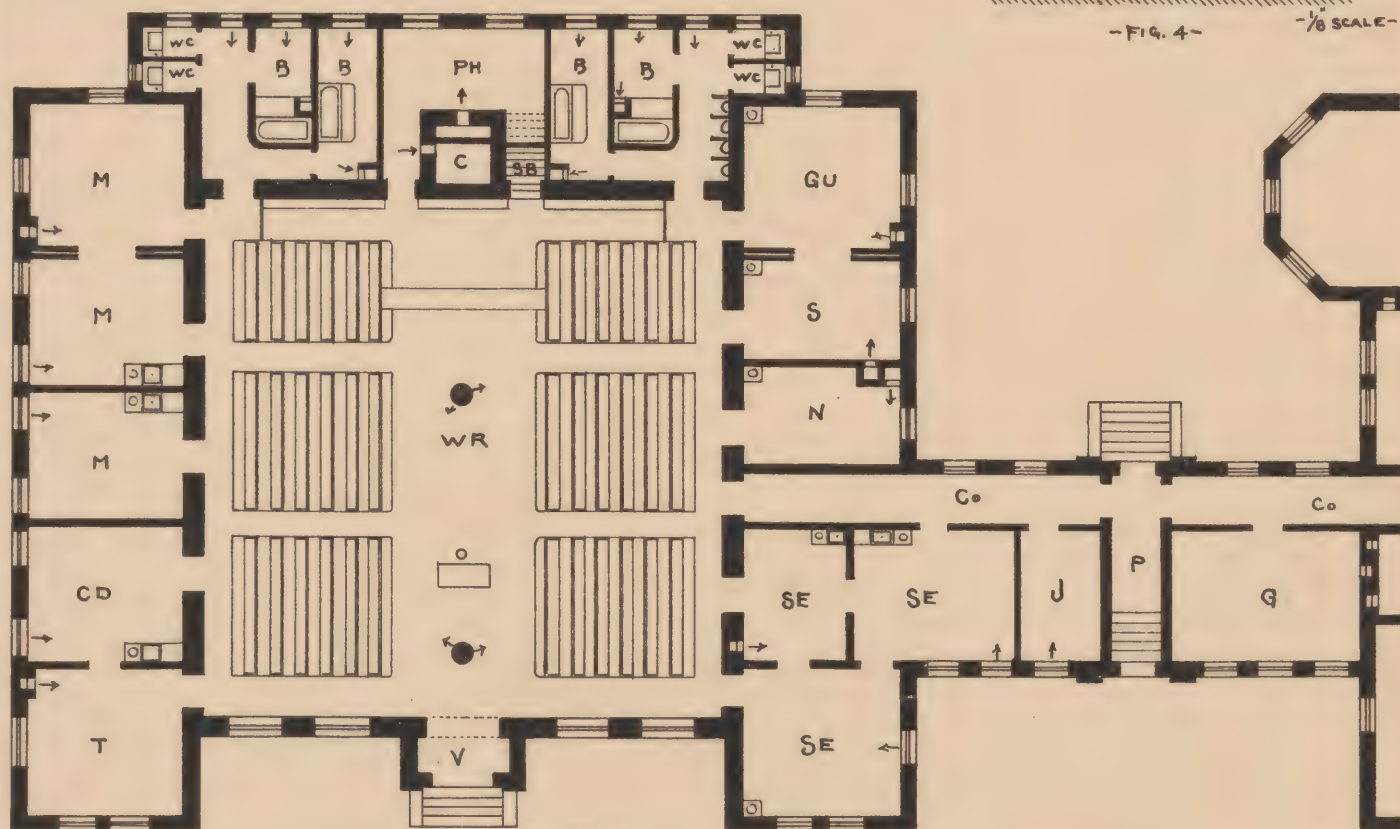


-FIG. 3-



-FIG. 4-

-1/8" SCALE-



-FIG. 1-

-SCALE- 20 FT. TO AN INCH-







D SPENSARY.  
VIEW IN WAITING ROOM.





PLAN AND SECTION.

FIGURE 1. Main floor plan.

A Amphitheatre, 52' 0" × 52' 0".	C Co Covered corridor leading to
SR Surgeon's room, 15' 6" × 16' 0".	wards, 10' 0" wide.
WR Waiting room, 11' 0" × 17' 0".	Co Corridor leading to Dispensary,
ER Etherizing room, 16' 0" × 17' 4".	5' 0" wide.
RR Recovering room, 16' 0" × 18' 0".	P Open passage between Amphi-
N Nurses' room, 9' 6" × 16' 0".	theatre and Dispensary, 5' 0"
SW Special ward, 16' 0" × 27' 0".	wide.
SO Special operating room, 18' 0" ×	V Vestibule, 11' 6" × 13' 0".
26' 6".	S Stairs to gallery.
AR Accident reception room, 16' 0"	D Dark room, 5' 4" × 10' 6".
× 20' 0".	G Gynaecological room, 14' 2" ×
B Bath room, 9' 0" × 15' 7".	20' 2".
WC Water closets.	J Janitor's room, 8' 6" × 14' 2".
C Ventilating chimney, 6' 0" × 6' 0".	O Common ward No. 1.

FIGURE 2. Section north and south.

B Basement floor.	C Co Covered corridor leading to
D Main floor.	wards.
E Gallery floor.	AC Accelerating steam coils.
C Ventilating chimney, 6' 0" × 6' 0".	









AMPHITHEATRE.  
VIEW IN LECTURE HALL.







DISPENSARY AND AMPHITHEATRE.  
VIEW FROM NORTH.







PATHOLOGICAL BUILDING.

MAIN AND SECOND FLOOR PLANS.

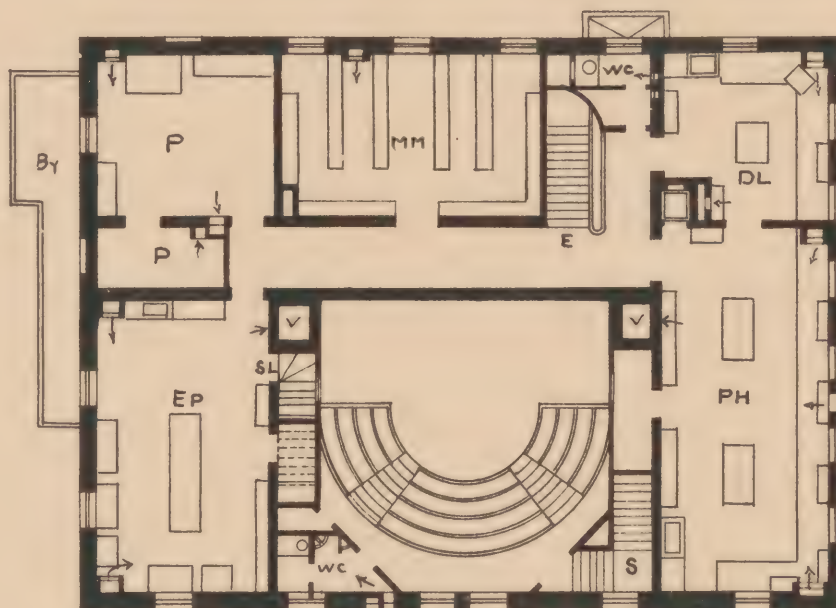
FIGURE 1. Main floor plan.

B	Bacteriological rooms, 17' 0" × 32' 0", 16' 9" × 16' 7".	M	Morgue, 17' 0" × 29' 8".
P	Cremating furnace.	V	Ventilating chimneys, 3' 0" × 3' 6".
P R	Private research, 16' 6" × 19' 9".	E	Main entrance.
A	Autopsy theatre, 29' 8" × 38' 2".	S	Students' entrance.
W R	Waiting room and library, 16' 6" × 24' 4".	D	Lift, 2' 9" × 2' 10".
		W C	Water closet.

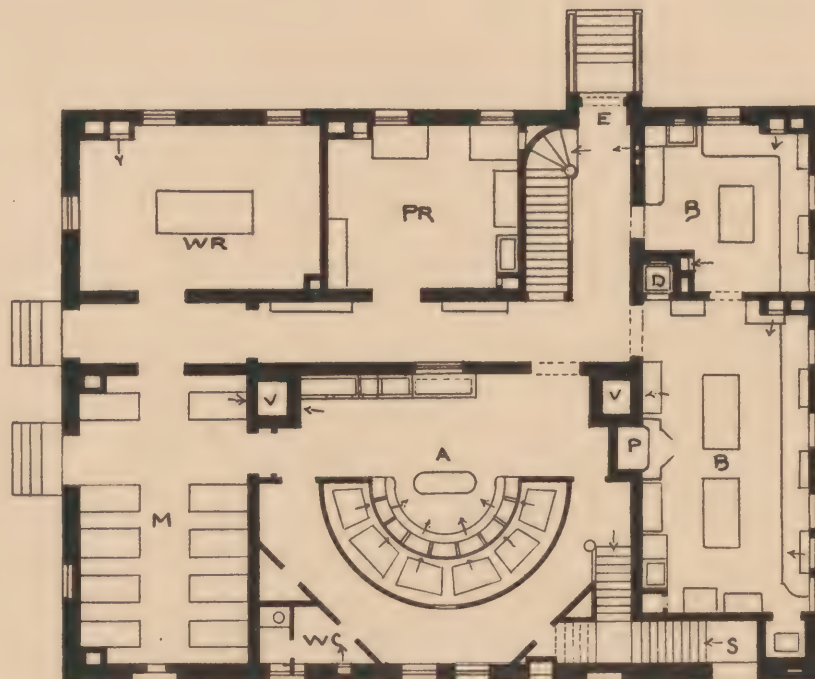
FIGURE 2. Second floor plan.

P H	Pathological Histology, 17' 0" × 37' 0".	B Y	Balcony.
D L	Director's laboratory, 16' 7" × 16' 9".	V	Ventilating chimneys, 3' 0" × 3' 6".
M M	Museum, 16' 6" × 26' 3".	W C	Water closets.
E P	Experimental Pathology, 17' 0" × 29' 8".	E	Main entrance.
P	Photographic rooms, 16' 6" × 18' 0" and 6' 0" × 12' 0".	S	Students' stairs.
		S L	Stairs to attic.

# PATHOLOGICAL BUILDING MAIN AND SECOND FLOOR PLANS



-Fig. 2-



-Fig. 1-







LONGITUDINAL AND TRANSVERSE SECTIONS.

FIGURE 1. Longitudinal section north and south.

- |                             |                               |
|-----------------------------|-------------------------------|
| B Cellar or basement floor. | V Ventilating chimneys.       |
| D Main floor.               | A C Accelerating steam coils. |
| E Second floor.             | F Cremating furnace.          |
| A Autopsy operating table.  | S Skylight.                   |

FIGURE 2. Transverse section east and west.

- |                             |                                   |
|-----------------------------|-----------------------------------|
| B Cellar or basement floor. | V Ventilating chimney.            |
| D Main floor.               | H Main stairs.                    |
| E Second floor.             | W C V Water closet vent, 16"×16". |
| A Autopsy operating table.  | S Skylight.                       |

CREMATING FURNACE.

FIGURE 3. Elevation of furnace.

FIGURE 4. Plan of furnace at *a* of Fig. 3.

FIGURE 5. Plan of furnace at *b* of Fig. 3.

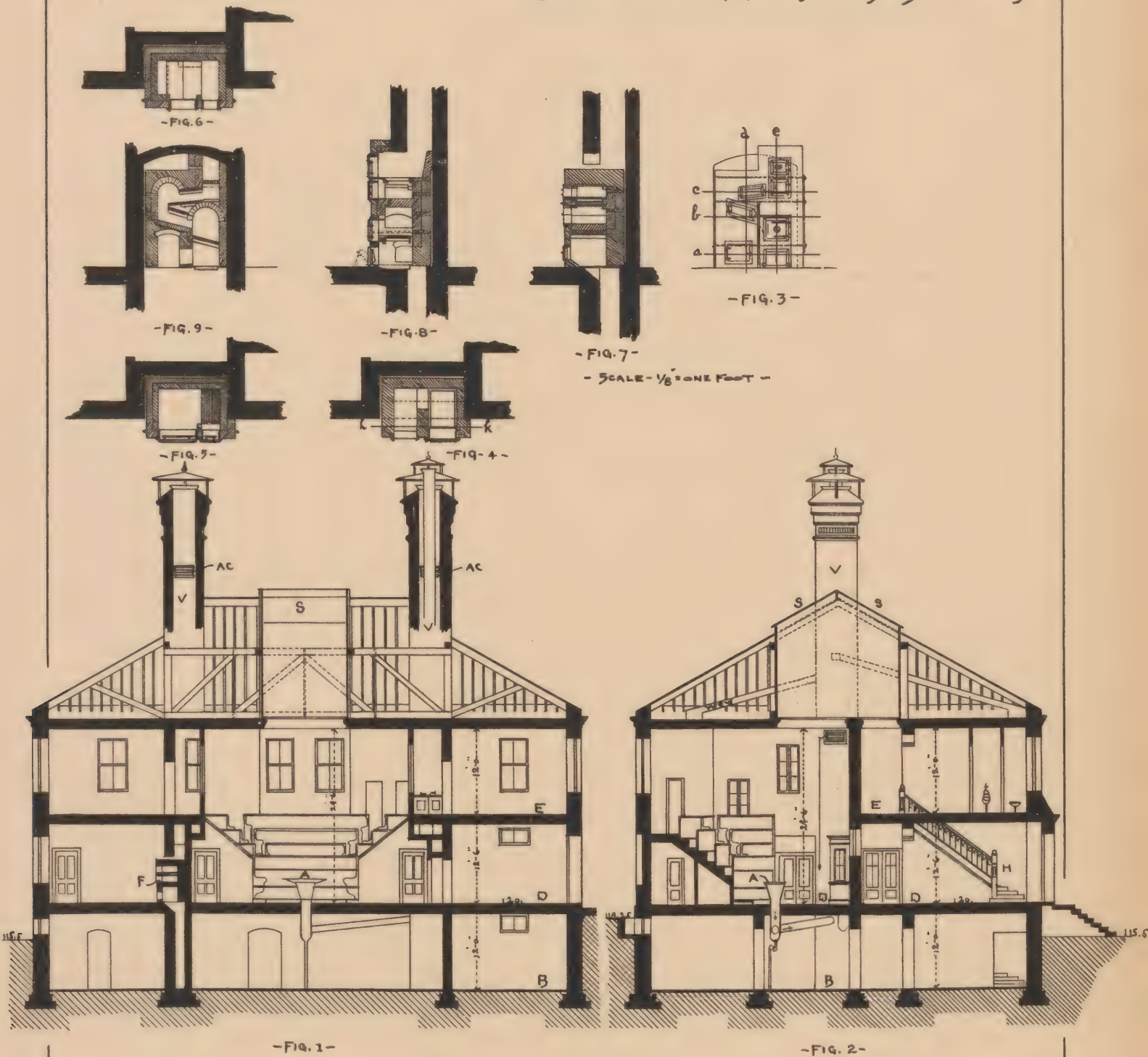
FIGURE 6. Plan of furnace at *c* of Fig. 3.

FIGURE 7. Transverse section at *d* of Fig. 3.

FIGURE 8. Transverse section at *e* of Fig. 3.

FIGURE 9. Longitudinal section at *h k* of Fig. 3.

PATHOLOGICAL BUILDING  
LONGITUDINAL AND TRANSVERSE SECTIONS









PATHOLOGICAL BUILDING.  
VIEW IN BACTERIOLOGICAL ROOMS.







BASEMENT AND MAIN FLOOR PLANS.

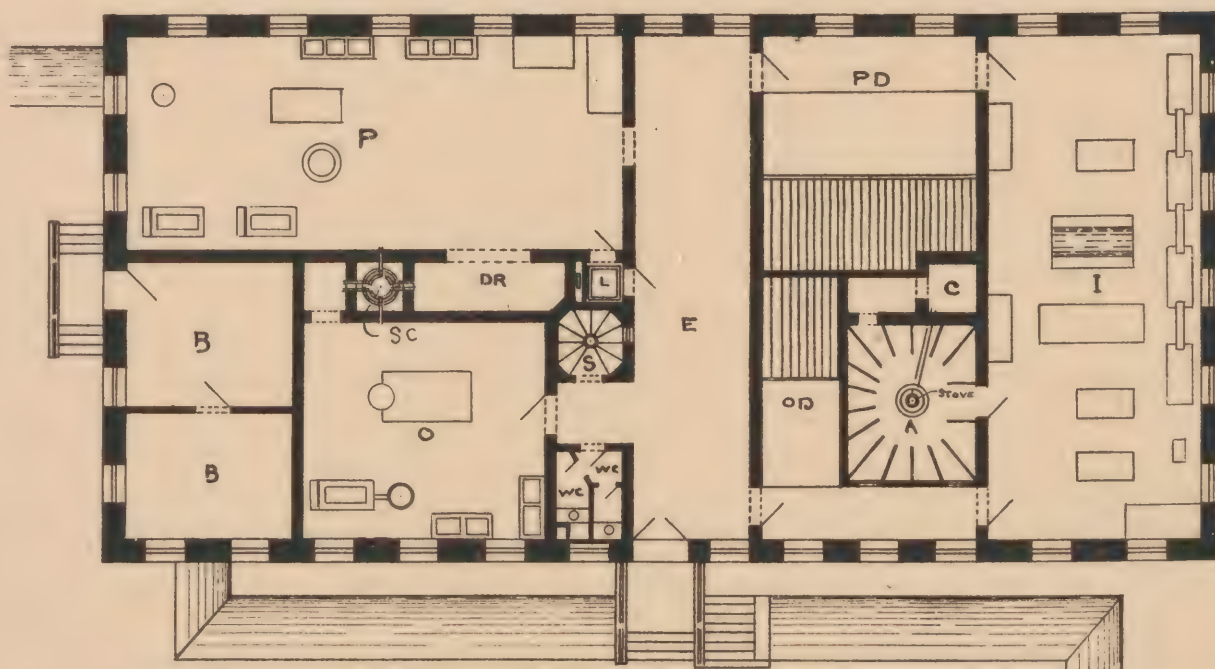
FIGURE 1. Basement or cellar floor.

H	Boiler room.	SC	Smoke and ventilating chimney, 5' 0" × 5' 0".
F	Fuel room (coal cellar).	BW	Bandage washing sink.
D	Disinfecting room, 12' 8" × 15' 3".	S	Stairs.
DC	Disinfecting chamber.	L	Lift, 2' 8" × 2' 10".
ER	Engine room.	R	Cellar.
C	Ventilating chimney, 5' 0" × 5' 0".	WC	Water closet.

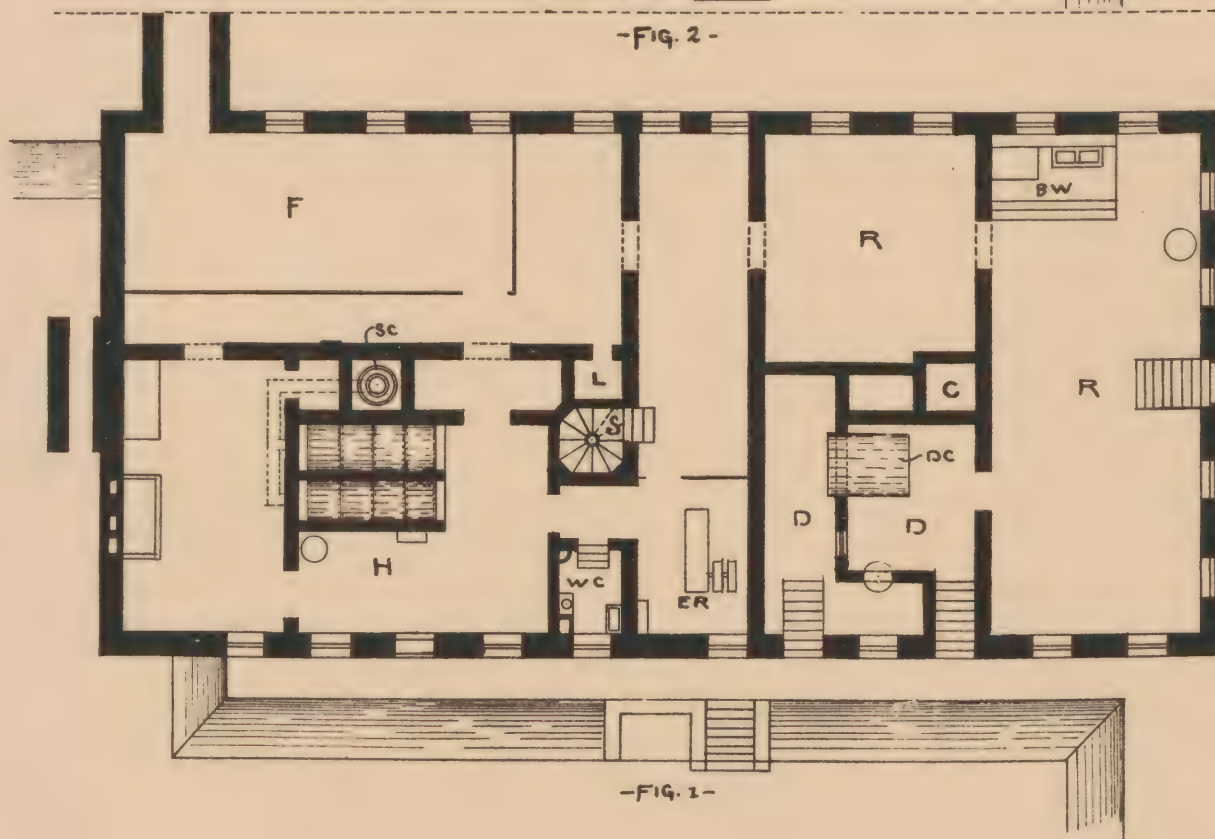
FIGURE 2. Main floor.

P	Patients' wash room, 22' 3" × 51' 3".	SC	Smoke and ventilating chimney, 5' 0" × 5' 0".
O	Officers' wash room, 22' 3" × 28' 0".	B	Hair-carding, and bed-making rooms, 14' 7" × 17' 0", 13' 0" × 17' 0".
PD	Patients' drying room, 22' 0" × 24' 1".	E	Receiving hall and entry, 12' 2".
OD	Officers' drying room, 8' 3" × 26' 10".	DR	Dressing room, 5' 0" × 15' 9".
I	Ironing room, 22' 0" × 51' 8".	WC	Water closets.
A	Airing room, 13' 0" × 16' 0".	S	Stairs to drying roof.
C	Ventilating chimney, 5' 0" × 5' 0".	L	Clothes lift, 2' 8" × 2' 10".

# LAUNDRY BASEMENT & MAIN FLOOR PLANS



-FIG. 2-



-FIG. 1-







PLATE 55.

## LAUNDRY.

### LONGITUDINAL AND TRANSVERSE SECTIONS.

FIGURE 1. Longitudinal section north and south.

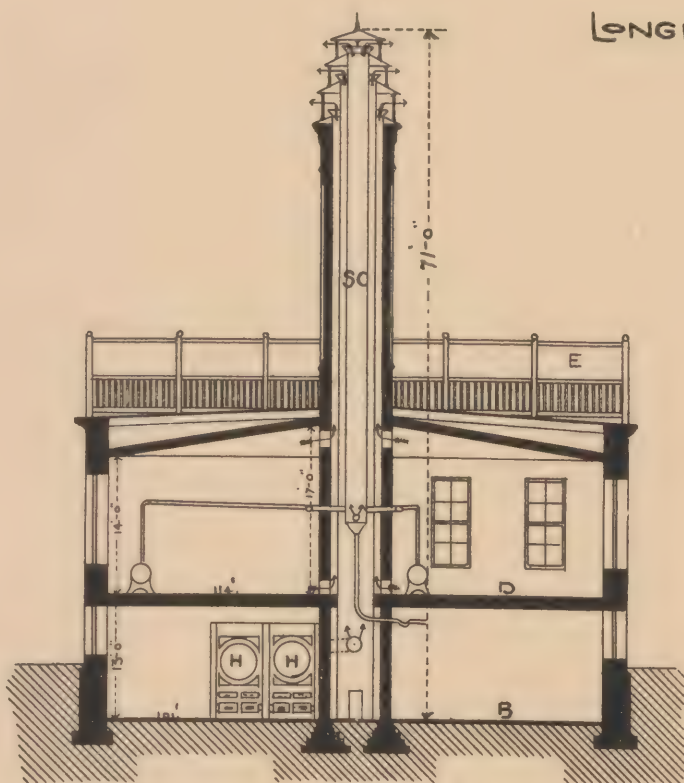
B Basement or cellar floor.	SC Smoke and ventilating chimney,
D Main floor.	5' 0" × 5' 0".
E Drying roof.	DC Disinfecting chamber.
C Ventilating chimney, 5' 0" × 5' 0".	H Boilers.

FIGURE 2. Transverse section east and west.

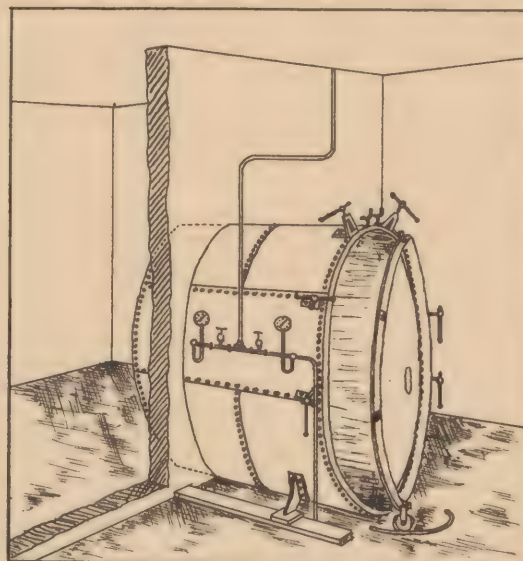
B Basement or cellar floor.	SC Smoke and ventilating chimney,
D Main floor.	5' 0" × 5' 0".
E Drying roof.	H Boilers.

FIGURE 3. Disinfecting chamber, perspective view.

# LAUNDRY LONGITUDINAL & TRANSVERSE SECTIONS



-Fig. 2-



-Fig. 3-



-Fig. 1-

SCALE - 20 FT. TO AN INCH -







# BATH HOUSE.

## PLANS AND SECTIONS.

FIGURE 1. Main floor.

D R Dressing room, 6' 0" × 8' 0", 7' 0" × 10' 6", 7' 0" × 7' 0", 12' 0" × 15' 0".	T B Turkish bath, 7' 0" × 9' 0".
S B Sulphur bath, 6' 0" × 8' 0".	R B Russian bath, 7' 0" × 9' 0".
M B Mercurial bath, 6' 0" × 8' 0".	L A Light and air shaft, 4' 9" × 9' 0".
L Lavarium, 10' 6" × 12' 6".	E Lobby.
T Tepidarium, 10' 6" × 12' 6".	S Stairs.
	W C Water closets.

FIGURE 2. Basement floor.

N B Needle bath.	L A Light and air shaft.
C B Common bath.	S Stairs.
H Hot water boilers.	W C Water closets.
L R Linen room.	

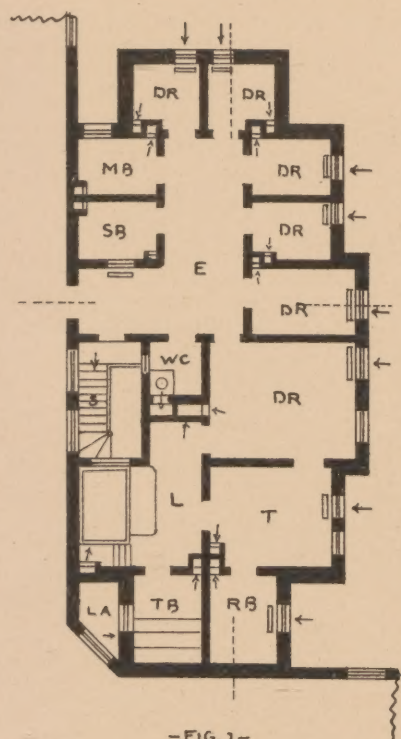
FIGURE 3. Section north and south.

B Basement floor.	V Ventilating flues.
D Main floor.	C Co Covered corridor.
C Ventilating chimney, 4' 0" × 4' 0".	T Open terrace over corridor.
A C Accelerating steam coils.	P T Pipe tunnel.

FIGURE 4. Section east and west.

B Basement floor.	C Co Covered corridor.
D Main floor.	T Open terrace over corridor.
C Ventilating chimney.	P T Pipe tunnel.
A C Accelerating coil.	S L Skylight.
V Ventilating flues.	

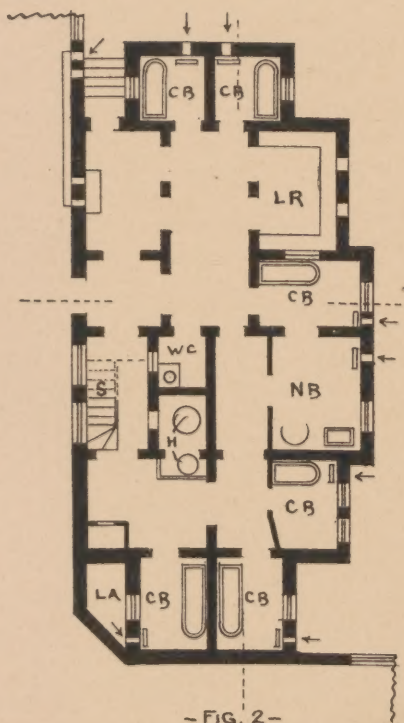
# BATH HOUSE PLANS AND SECTIONS



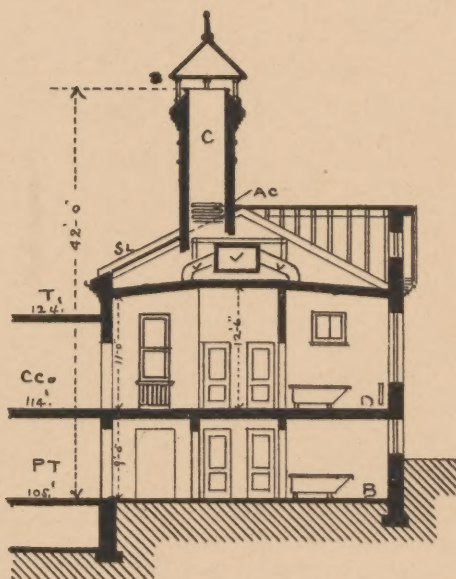
-FIG. 1-



-FIG. 3-



-FIG. 2-



-FIG. 4-





Description of the Johns Hopkins Hospital.

Billings.

1890.

National Library of Medicine

Bethesda, MD

Condition on Receipt: The quarter cloth and decorated paper case binding was in good condition. The sewing was intact but a few of the pages were loose. Most of the pages were in relatively sound condition even though some had a few small tears and some losses.

Treatment Report: The pH was recorded before and after treatment; before 5.0, after 8.0. The volume was collated and disbound. The inks were tested for solubility. The head, tail, and pages were dry cleaned and nonaqueously buffered (deacidified) with a suspension of magnesium oxide particles in a perfluoro compound. The pages were encapsulated in polyester film. The volume was post bound in two full cloth bindings. A leather label was stamped in gold foil. The book plates were removed from the original binding and were adhered to the front pastedowns of the new bindings.

Northeast Document Conservation Center

January 1997

DW/DG

HMB  
WX  
B598d  
1890  
plates



NATIONAL LIBRARY OF MEDICINE



NLM 02698188 4